

CONTENTS

- S4.56-1 PERSPECTIVES
- S4.56-2 SITE ANALYSIS & WASTE MANAGEMENT PLAN
- S4.56-3 POOL HOUSE FLOOR PLAN
- S4.56-4 LOWER FLOOR PLAN
- S4.56-5 GROUND FLOOR PLAN
- S4.56-6 ENTRY FLOOR PLAN
- S4.56-7 ROOF PLAN
- S4.56-8 ELEVATIONS, N
- S4.56-9 ELEVATIONS, S
- S4.56-10 ELEVATIONS, E
- S4.56-11 ELEVATIONS, W
- S4.56-12 SECTIONS A-A
- S4.56-13 SECTIONS B-B
- S4.56-14 SECTIONS C-C
- S4.56-15 SECTIONS D-D
- S4.56-16 SECTIONS E-E
- S4.56-17 SECTIONS F-F
- S4.56-18 SECTIONS G-G
- S4.56-19 FSR PLAN
- S4.56-20 OPEN SPACE & LANDSCAPING PLAN
- S4.56-21 LANDSCAPING PLAN
- S4.56-22 SOLAR JUNE 21 - 9AM
- S4.56-23 SOLAR JUNE 21 - 12PM
- S4.56-24 SOLAR JUNE 21 - 3PM
- S4.56-25 BASIX
- S4.56-26 BASIX

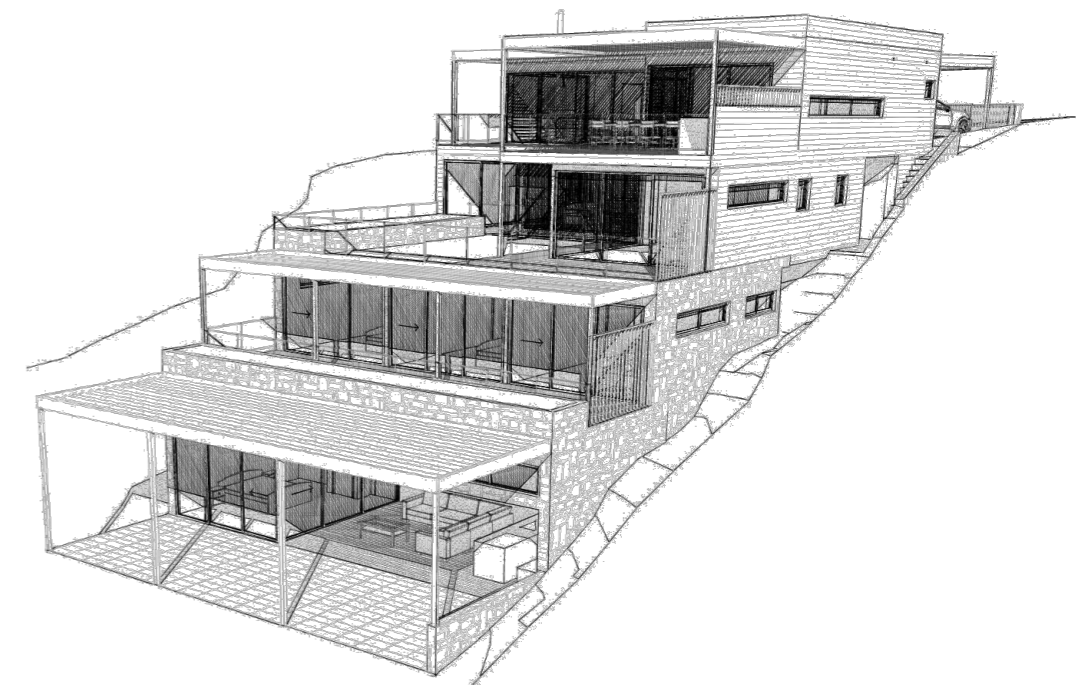
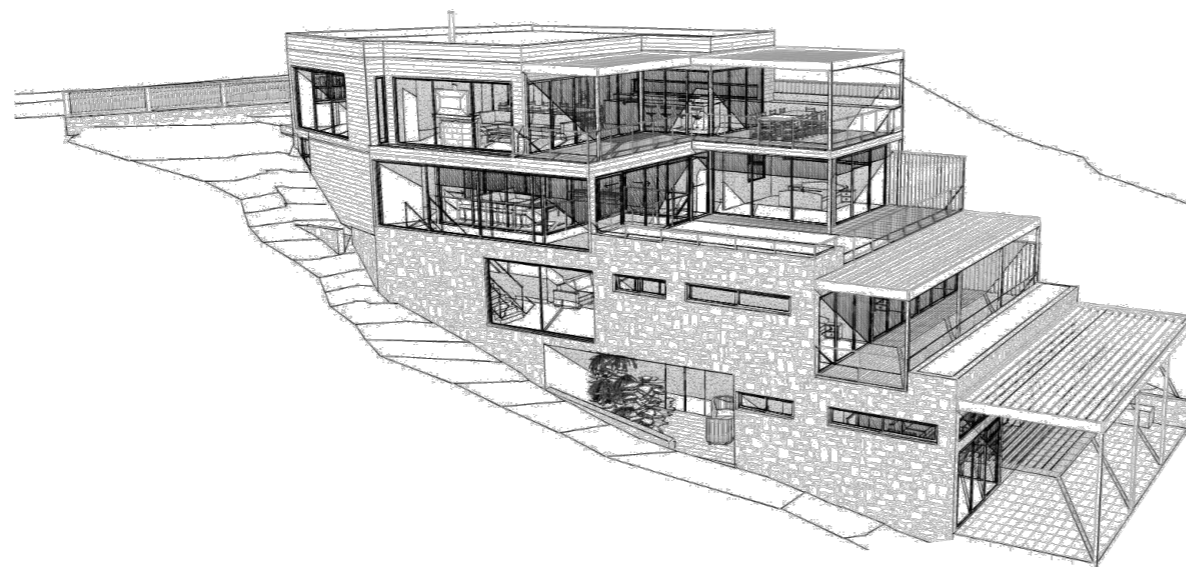
private residence

8 bower street, manly
 additions and alterations
 S4.56 development application

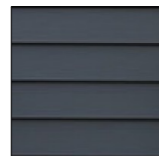


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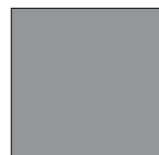
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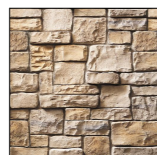
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 or similar



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 COLORBOND
 WINDSPRAY
 or similar



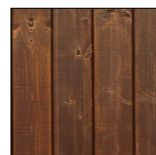
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 or similar



WINDOWS
 WHITE
 ALUMINIUM
 or similar











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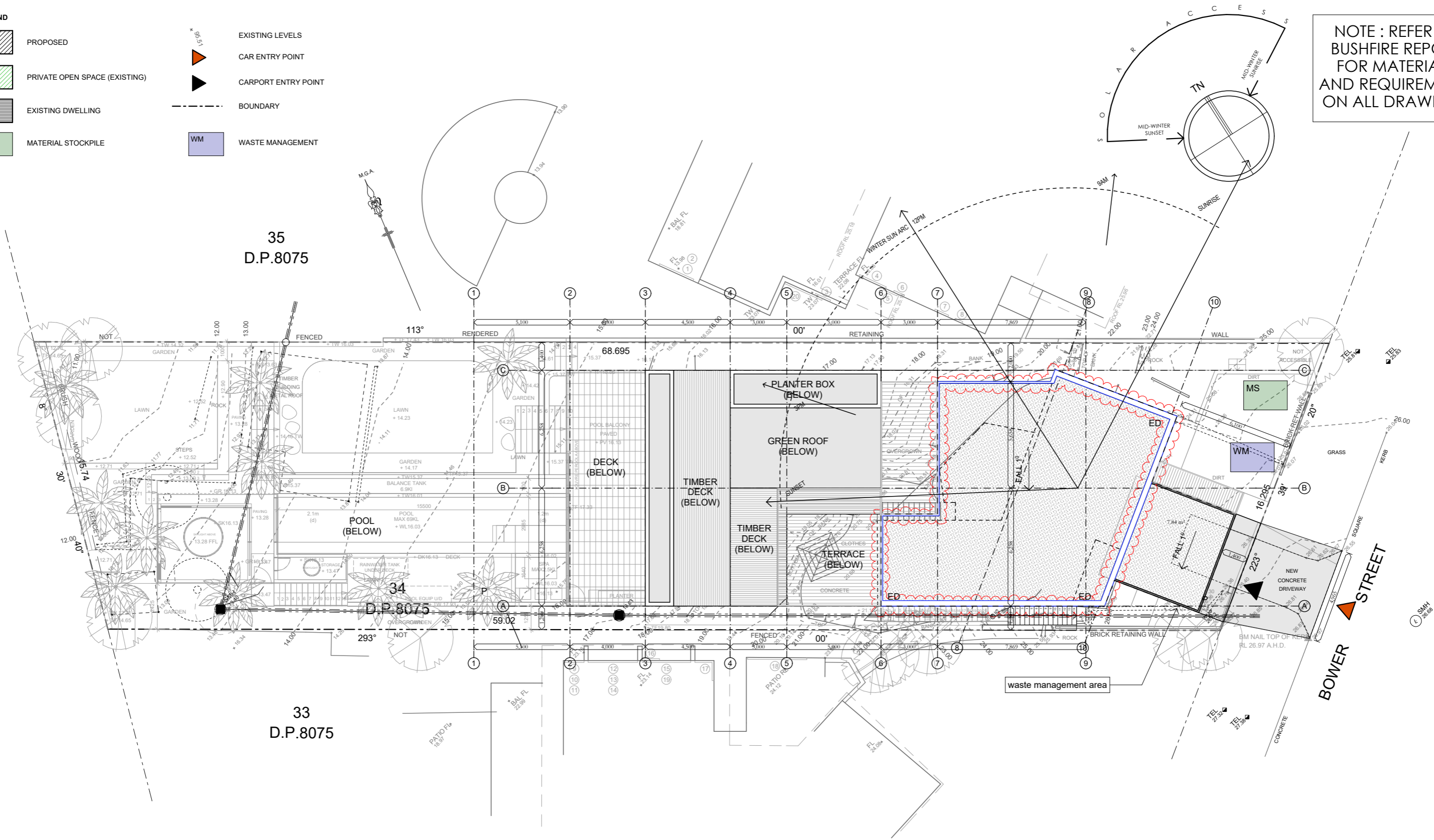
TILES
 TO DECK
 or similar



LEGEND

-  PROPOSED
-  POS PRIVATE OPEN SPACE (EXISTING)
-  ED EXISTING DWELLING
-  MS MATERIAL STOCKPILE
-  EXISTING LEVELS
-  CAR ENTRY POINT
-  CARPORT ENTRY POINT
- BOUNDARY
-  WM WASTE MANAGEMENT

NOTE : REFER TO BUSHFIRE REPORT FOR MATERIALS AND REQUIREMENTS ON ALL DRAWINGS



Site Analysis Plan
1:200



sketchArc

DO NOT SCALE DRAWINGS. CHECK ALL DIMENSIONS ON SITE. FIGURED DIMENSIONS TAKE PRECEDENCE.
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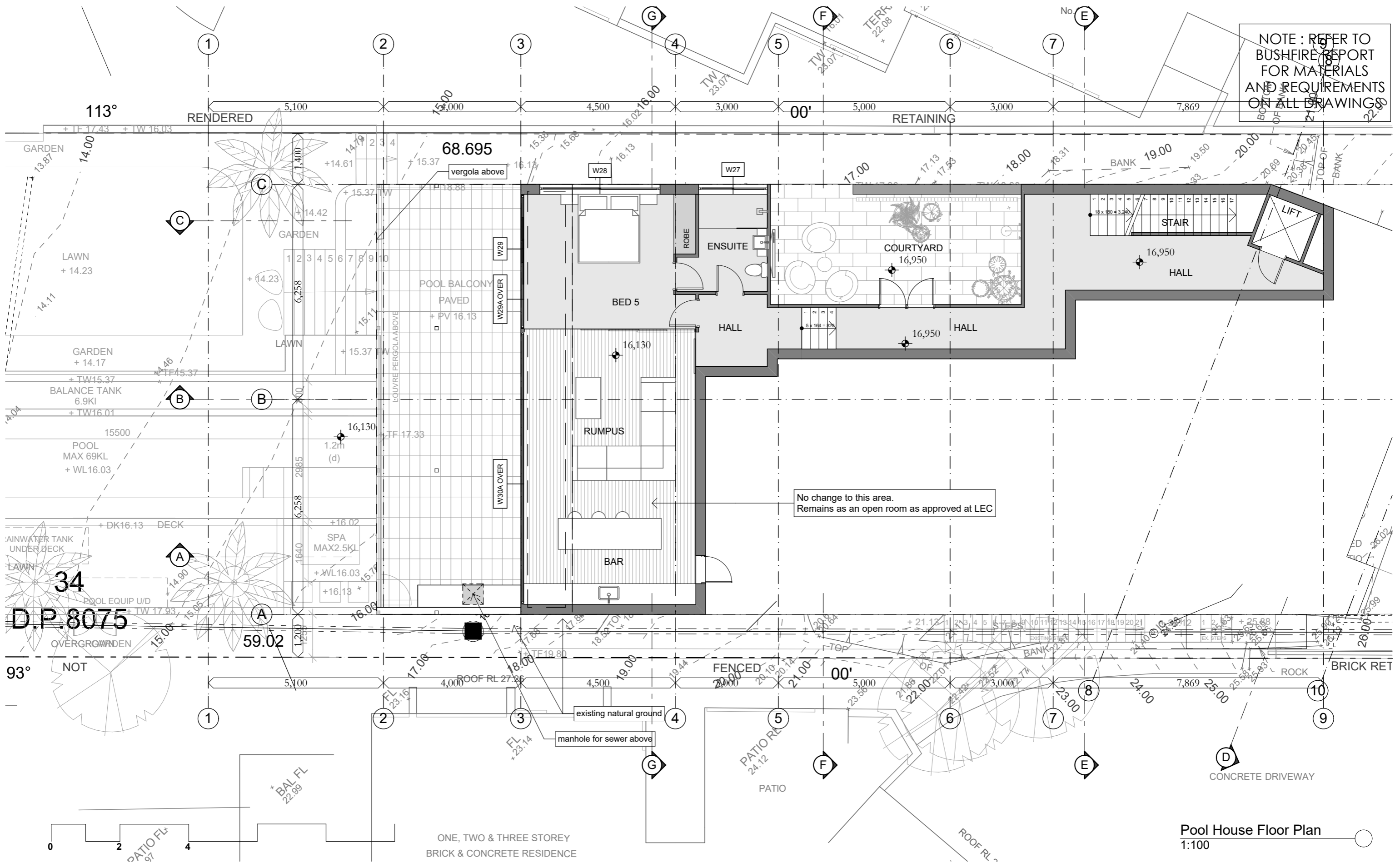
sketchArc
Po Box 377 Manly 1655
m : 0422 521 871
e : power@sketcharc.com.au
w : www.sketcharc.com.au

PROJECT:
8 Bower St, Manly, 2095, NSW
Alterations & Additions / Secondary Dwelling
LOT 34 in DP 8075 - 973m2

CLIENT:
Private

SECTION 4.56
Demolition
APPROVED
MOD2024/0109

STATUS: S4.56	SCALE: 1:200@A3	PROJECT NUMBER: 1617
DATE: 110925	DRAWN/DESIGNED: PB / MP	ISSUE:
STAGE: S4.56	DRAWING NO: S4.56-2	



NOTE: REFER TO BUSHFIRE REPORT FOR MATERIALS AND REQUIREMENTS ON ALL DRAWINGS

No change to this area. Remains as an open room as approved at LEC

Pool House Floor Plan
1:100

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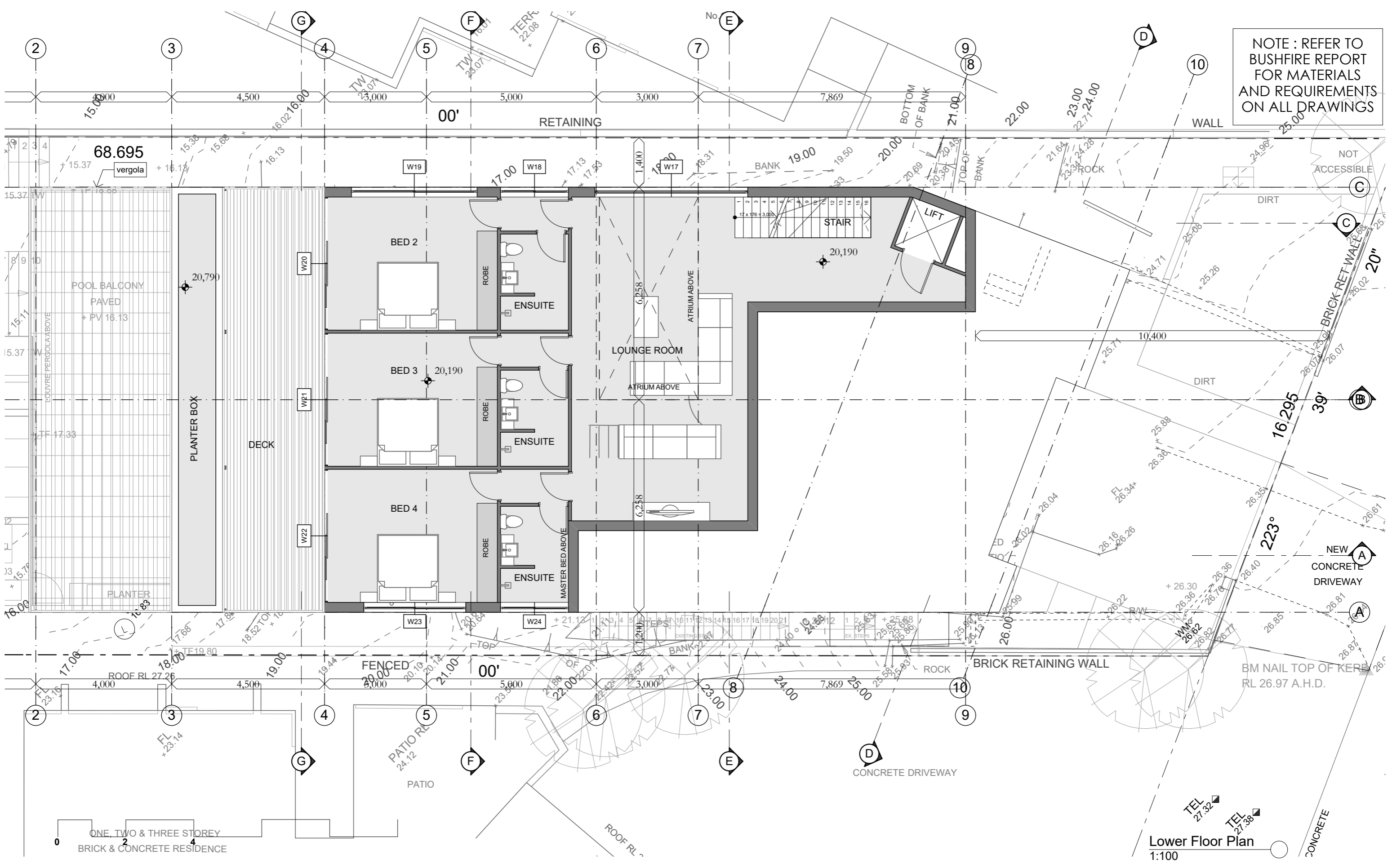
SECTION 4.56

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APPROVED
MOD2024/0109

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STAGE: S4.56	DRAWING NO: S4.56-3	

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Lower Floor Plan
1:100

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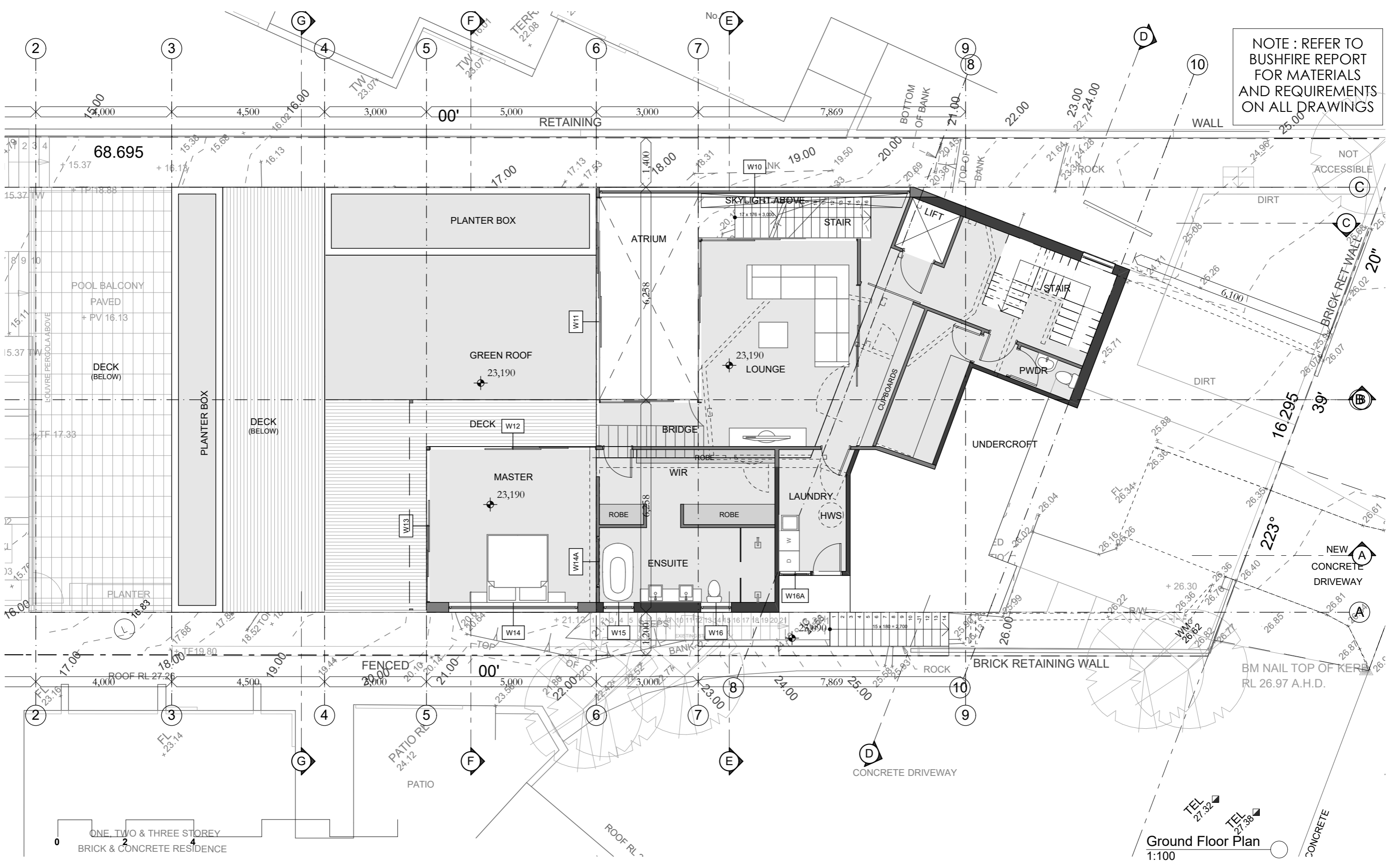
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	STAGE: S4.56	DRAWING NO: S4.56-4	
	<p>TEL 27.32</p> <p>TEL 27.38</p>		

NOTE : REFER TO BUSHFIRE REPORT FOR MATERIALS AND REQUIREMENTS ON ALL DRAWINGS



Ground Floor Plan
1:100

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SECTION 4.56

Demolition

APPROVED
MOD2024/0109

STATUS:
S4.56

DATE:
110925

STAGE:
S4.56

DRAWING NO:
S4.56-5

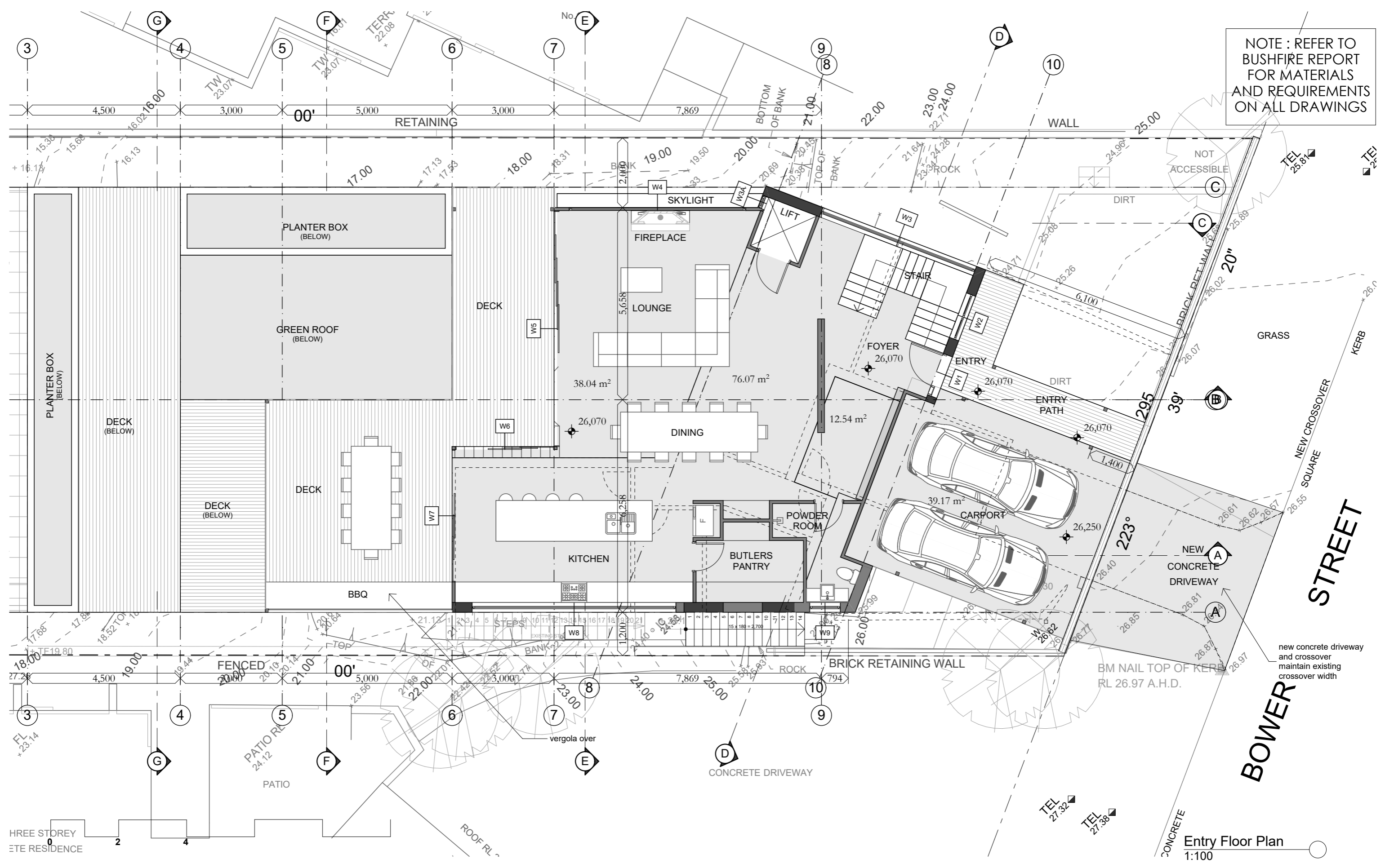
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DRAWN/DESIGNED:
PB / MP

PROJECT NUMBER:
1617

ISSUE:

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Entry Floor Plan
1:100

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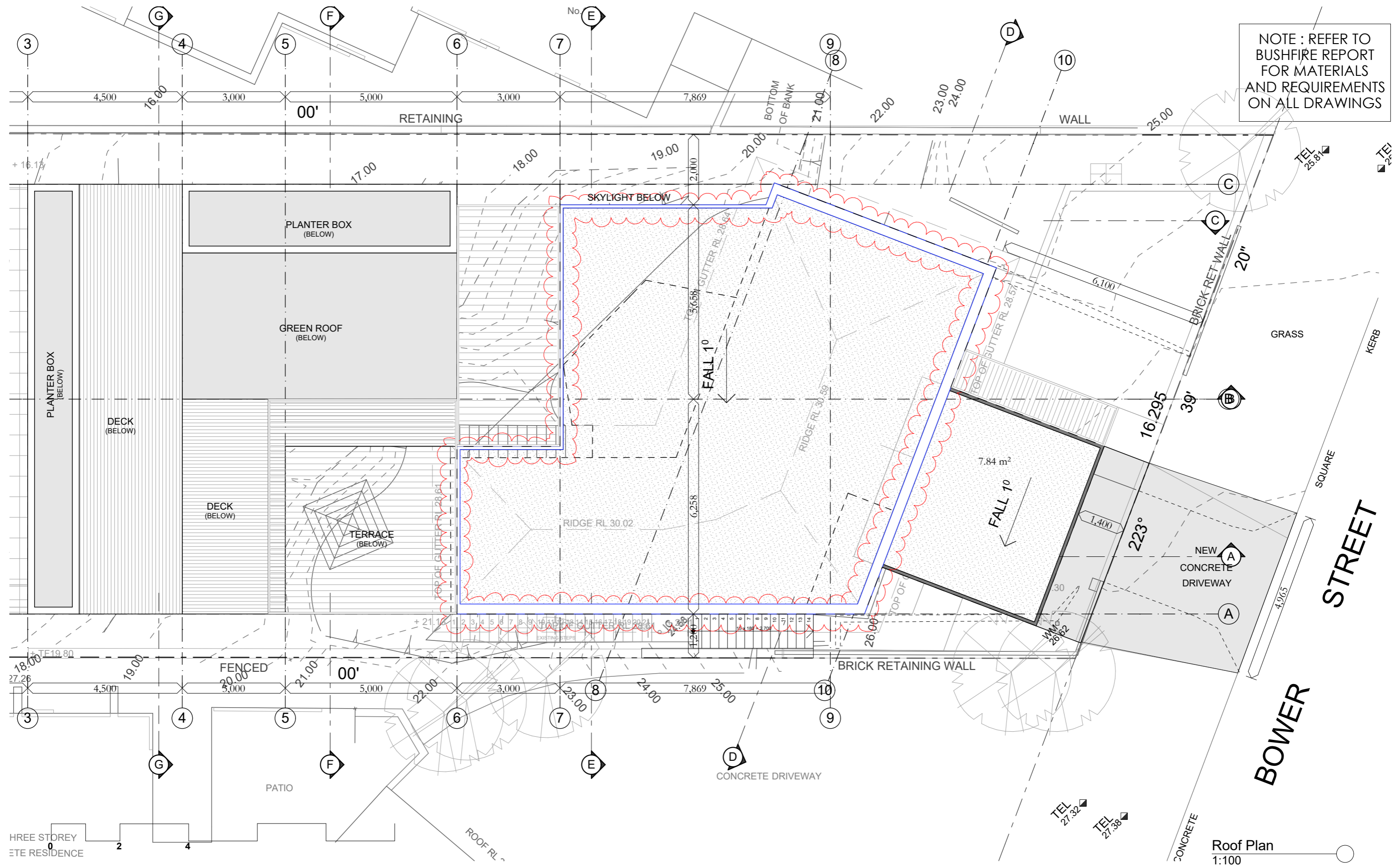
SECTION 4.56

Demolition

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STATUS: S4.56	SCALE: 1:100@A3	PROJECT NUMBER: 1617
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STAGE: S4.56	DRAWING NO: S4.56-6	

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THREE STOREY
MTE RESIDENCE

Roof Plan
1:100

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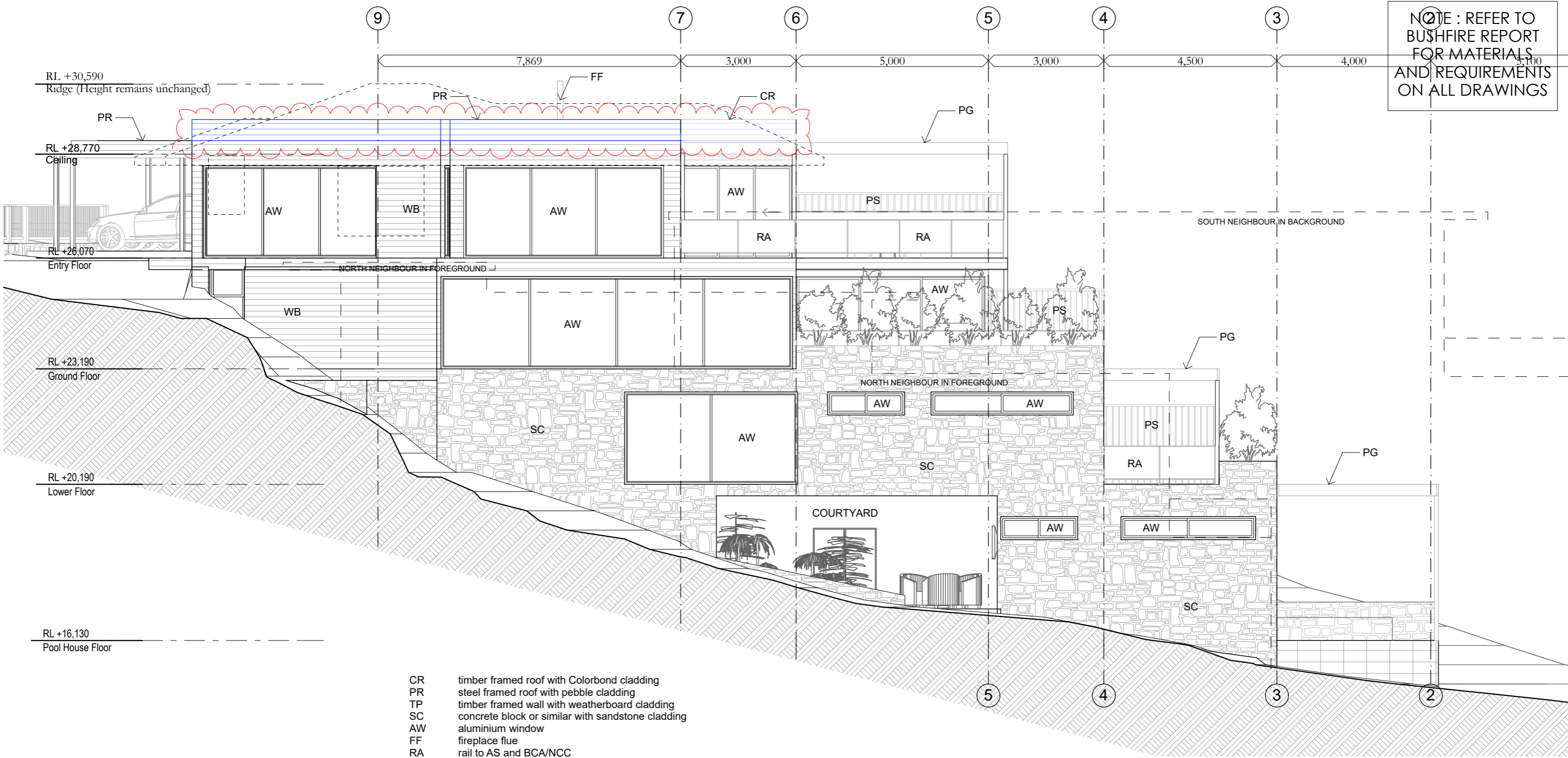
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SECTION 4.56
Demolition
APPROVED
MOD2024/0109

STATUS: S4.56	SCALE: 1:100@A3	PROJECT NUMBER: 1617
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STAGE: S4.56	DRAWING NO: S4.56-7	



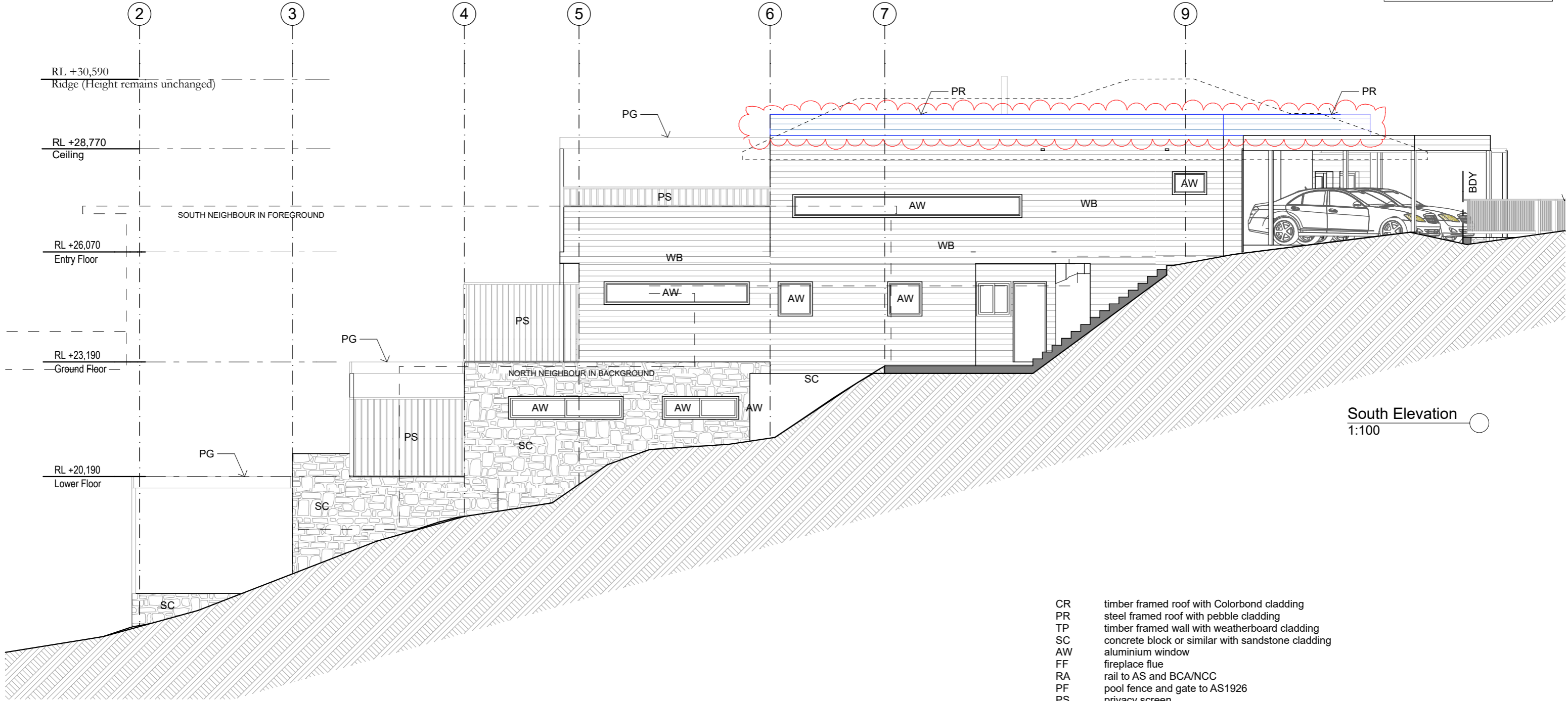
- CR timber framed roof with Colorbond cladding
- PR steel framed roof with pebble cladding
- TP timber framed wall with weatherboard cladding
- SC concrete block or similar with sandstone cladding
- AW aluminium window
- FF fireplace flue
- RA rail to AS and BCA/NCC
- PF pool fence and gate to AS1926
- PS privacy screen
- PG pergola
- FF front fence
- GR green roof

North Elevation
1:100



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REV	DATE	DESCRIPTION									

NOTE : REFER TO BUSHFIRE REPORT FOR MATERIALS AND REQUIREMENTS ON ALL DRAWINGS



South Elevation
1:100

- CR timber framed roof with Colorbond cladding
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- TP timber framed wall with weatherboard cladding
- SC concrete block or similar with sandstone cladding
- AW aluminium window
- FF fireplace flue
- RA rail to AS and BCA/NCC
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LOT 34 in DP 8075 - 973m2

CLIENT:
Private

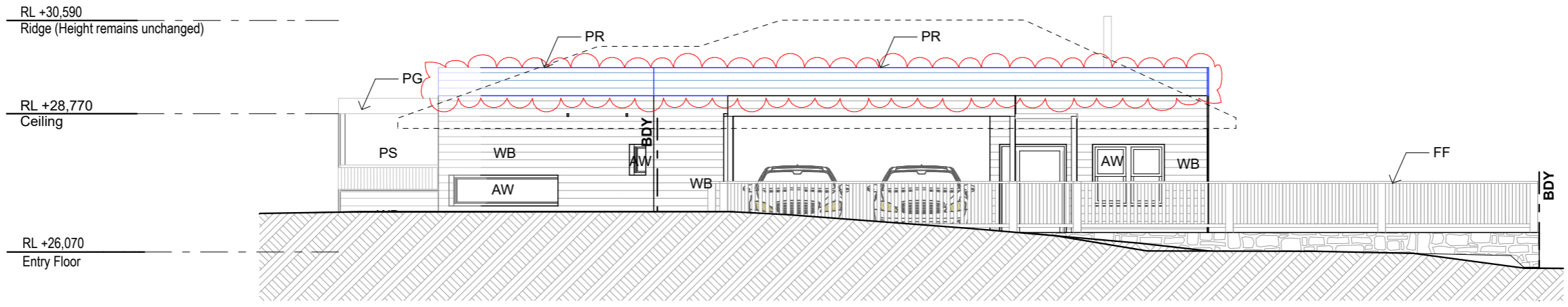
SECTION 4.56

Demolition

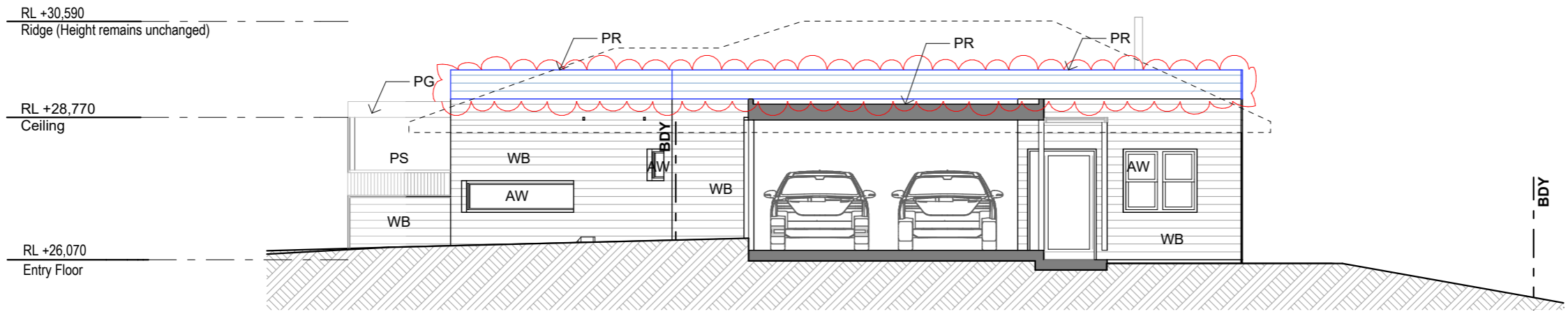
APPROVED
MOD2024/0109

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DATE: 110925	DRAWN/DESIGNED: PB / MP	ISSUE:
STAGE: S4.56	DRAWING NO: S4.56-9	

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Street East Elevation
1:100



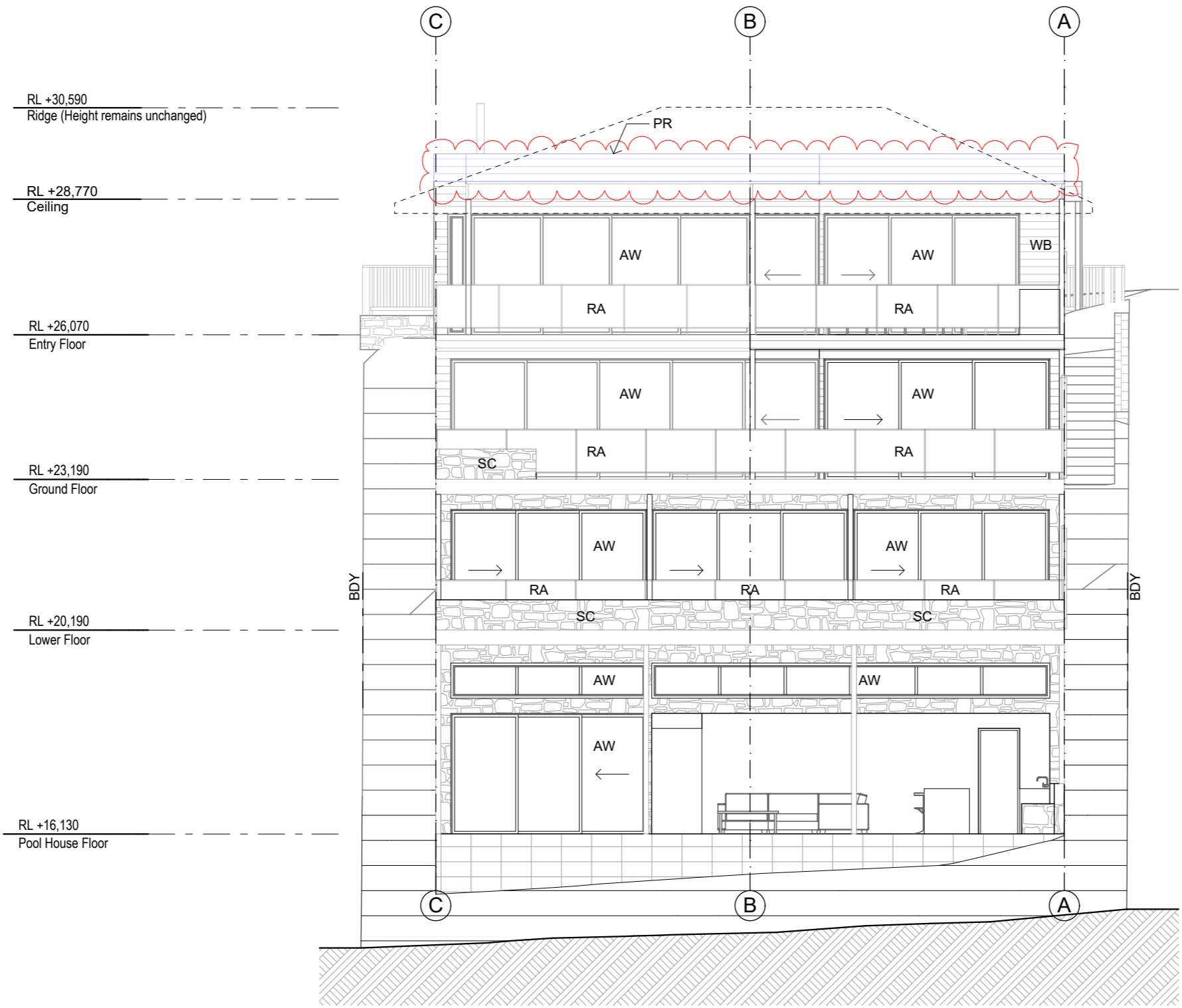
East Elevation
1:100

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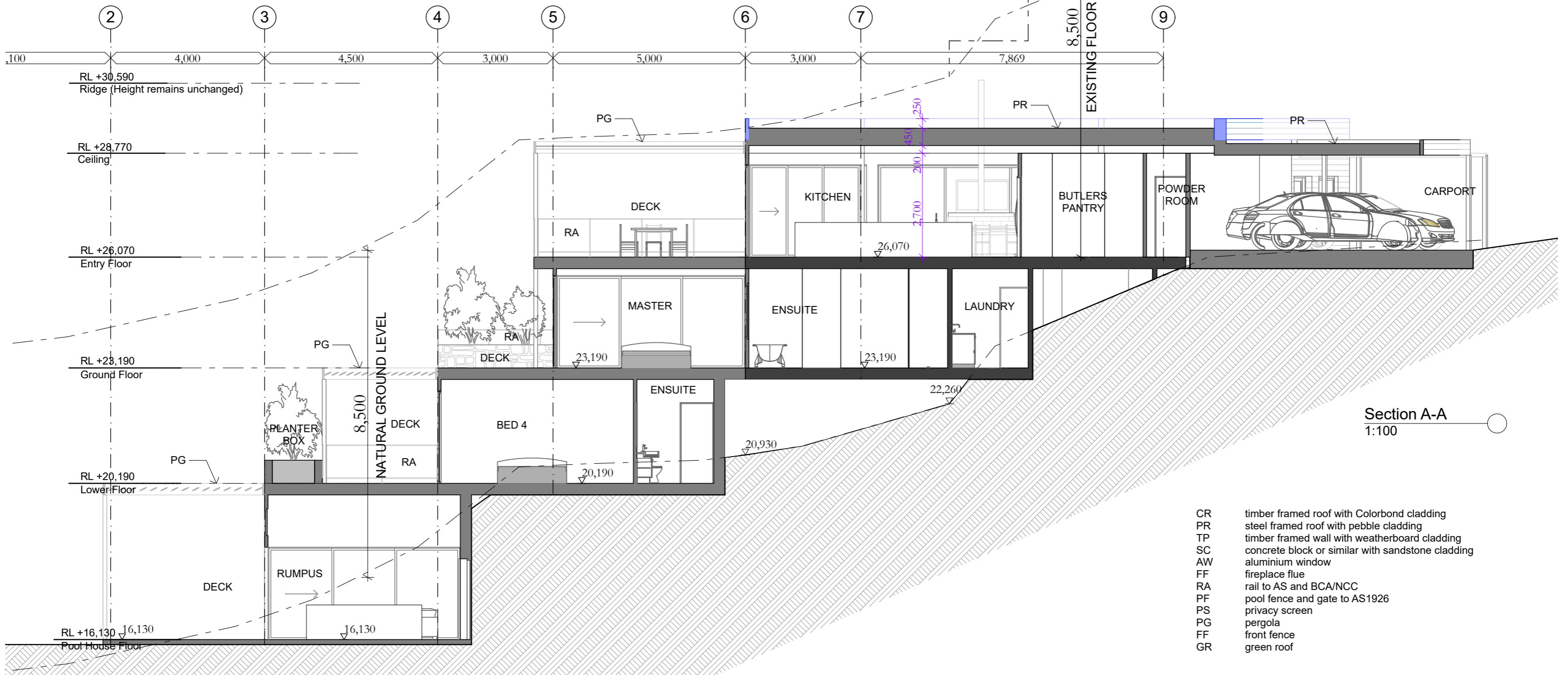
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West Elevation
1:100



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	DATE: 110925	SCALE: 1:100@A3		PROJECT NUMBER: 1617		
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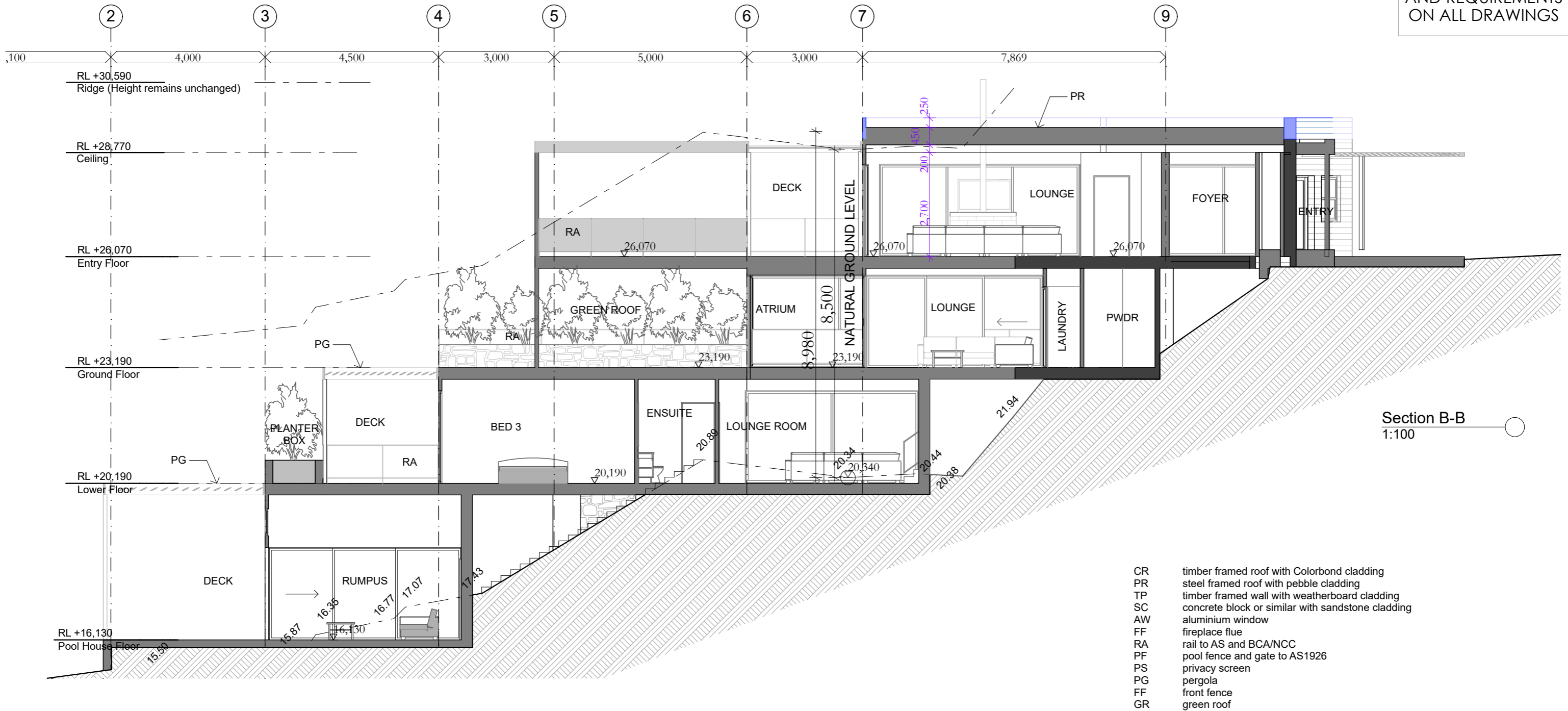
Section A-A
1:100

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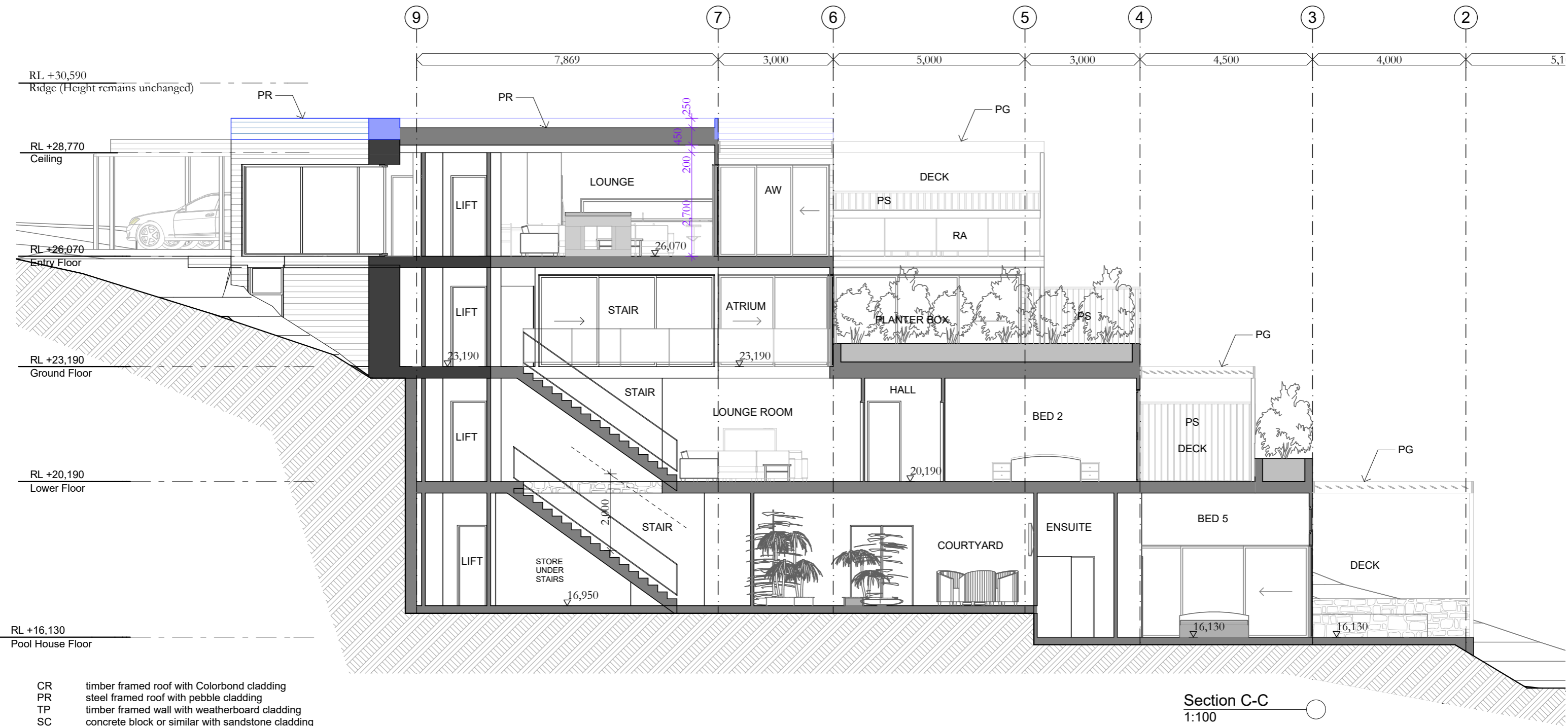
Section B-B
1:100

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Section C-C
1:100

- CR timber framed roof with Colorbond cladding
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SECTION 4.56

Demolition

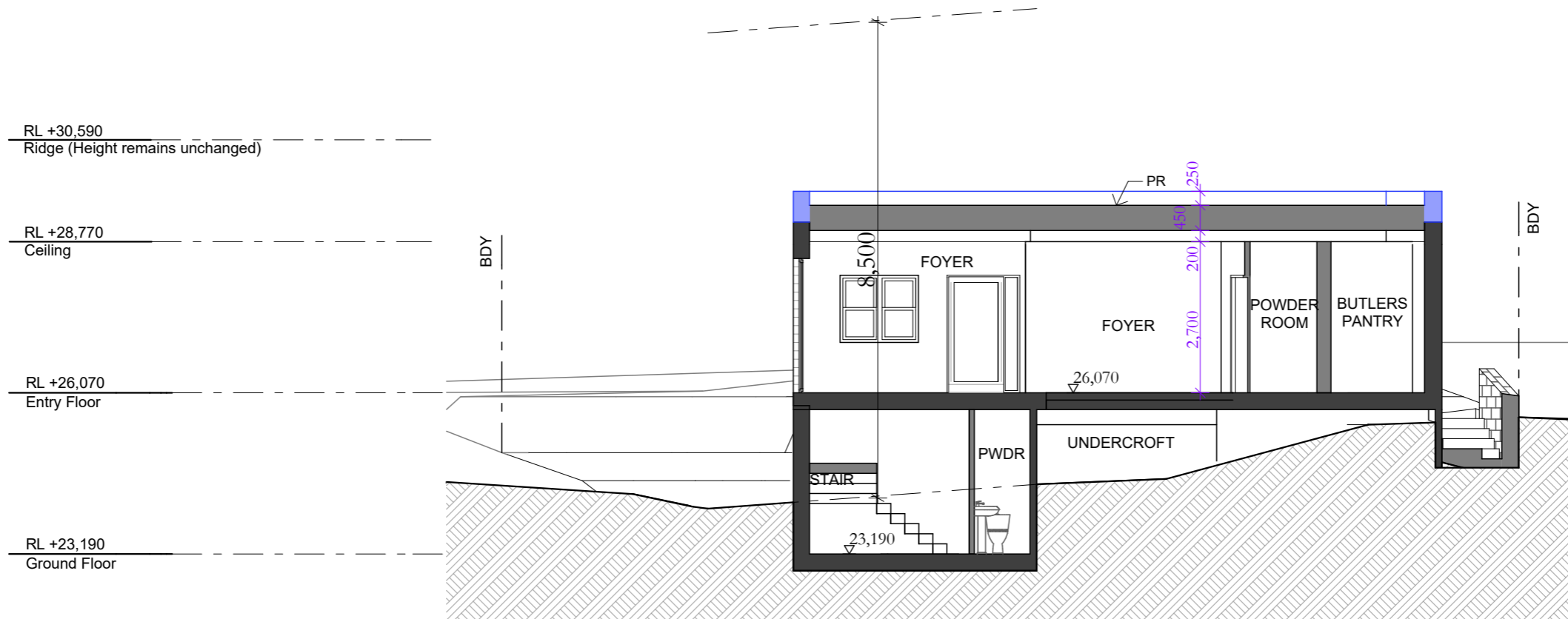
APPROVED
MOD2024/0109

STATUS: S4.56	SCALE: 1:100@A3	PROJECT NUMBER: 1617
DATE: 110925	DRAWN/DESIGNED: PB / MP	ISSUE:
STAGE: S4.56	DRAWING NO: S4.56-14	

sketchArc

NOTE : REFER TO BUSHFIRE REPORT FOR MATERIALS AND REQUIREMENTS ON ALL DRAWINGS

- CR timber framed roof with Colorbond cladding
- PR steel framed roof with pebble cladding
- TP timber framed wall with weatherboard cladding
- SC concrete block or similar with sandstone cladding
- AW aluminium window
- FF fireplace flue
- RA rail to AS and BCA/NCC
- PF pool fence and gate to AS1926
- PS privacy screen
- PG pergola
- FF front fence
- GR green roof

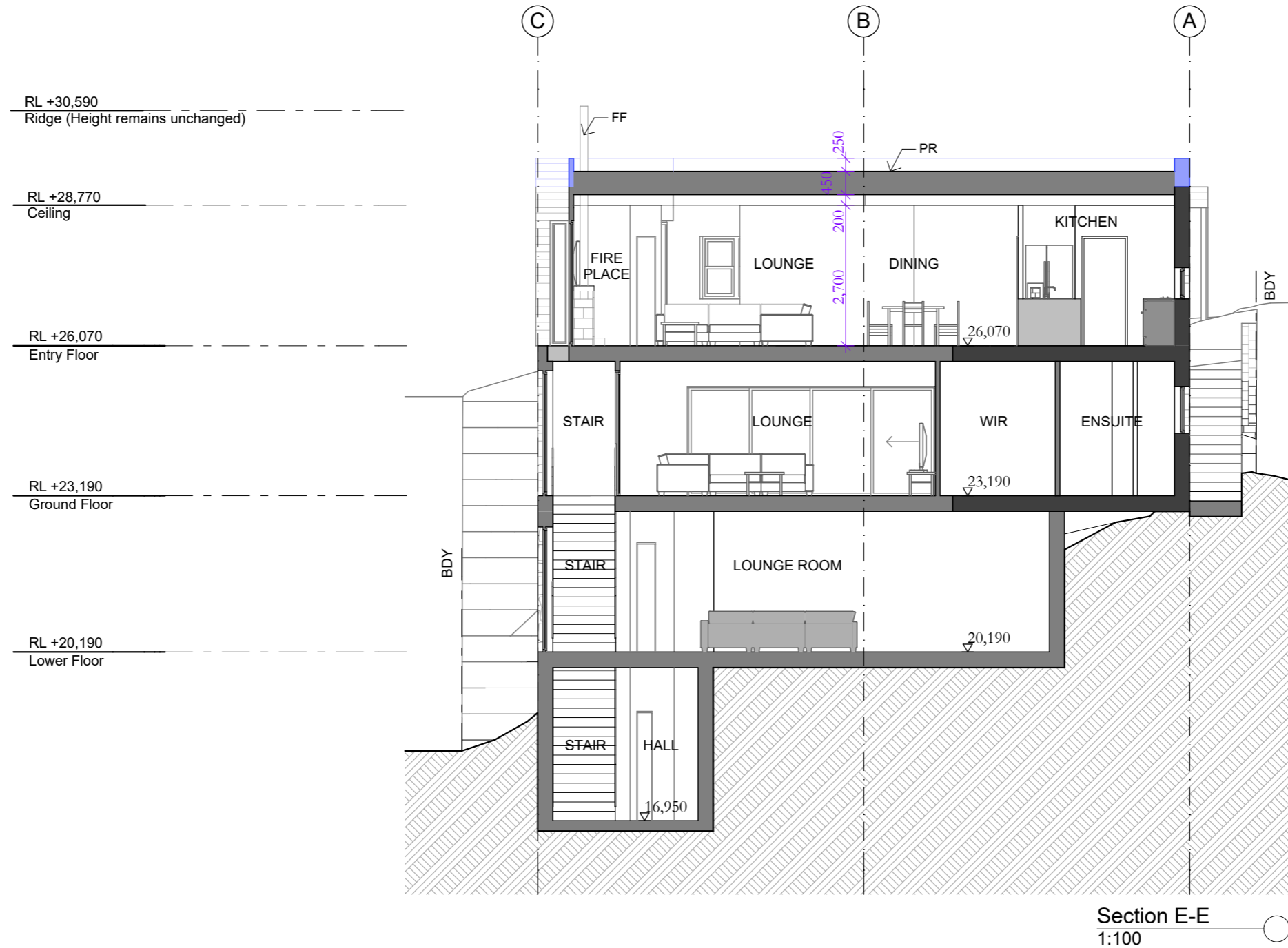


Section D-D
1:100



	DO NOT SCALE DRAWINGS. CHECK ALL DIMENSIONS ON SITE. FIGURED DIMENSIONS TAKE PRECEDENCE. The builder shall check and verify all dimensions and verify all errors and omissions to the Architect. Do not scale the drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction.	sketchArc Po Box 377 Manly 1655 m : 0422 521 871 e : power@sketcharc.com.au w : www.sketcharc.com.au	PROJECT: 8 Bower St, Manly, 2095, NSW Alterations & Additions / Secondary Dwelling LOT 34 in DP 8075 - 973m2 CLIENT: Private	- SECTION 4.56 APPROVED MOD2024/0109	STATUS: S4.56 DATE: 110925 STAGE: S4.56 DRAWING NO: S4.56-15 SCALE: 1:100@A3 DRAWN/DESIGNED: PB / MP PROJECT NUMBER: 1617 ISSUE:				
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REV	DATE	DESCRIPTION							

NOTE : REFER TO
BUSHFIRE REPORT
FOR MATERIALS
AND REQUIREMENTS
ON ALL DRAWINGS



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Section E-E
1:100



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REV	DATE	DESCRIPTION

sketchArc
Po Box 377 Manly 1655
m : 0422 521 871
e : power@sketcharc.com.au
w : www.sketcharc.com.au

PROJECT:
8 Bower St, Manly, 2095, NSW
Alterations & Additions / Secondary Dwelling
LOT 34 in DP 8075 - 973m2

CLIENT:
Private

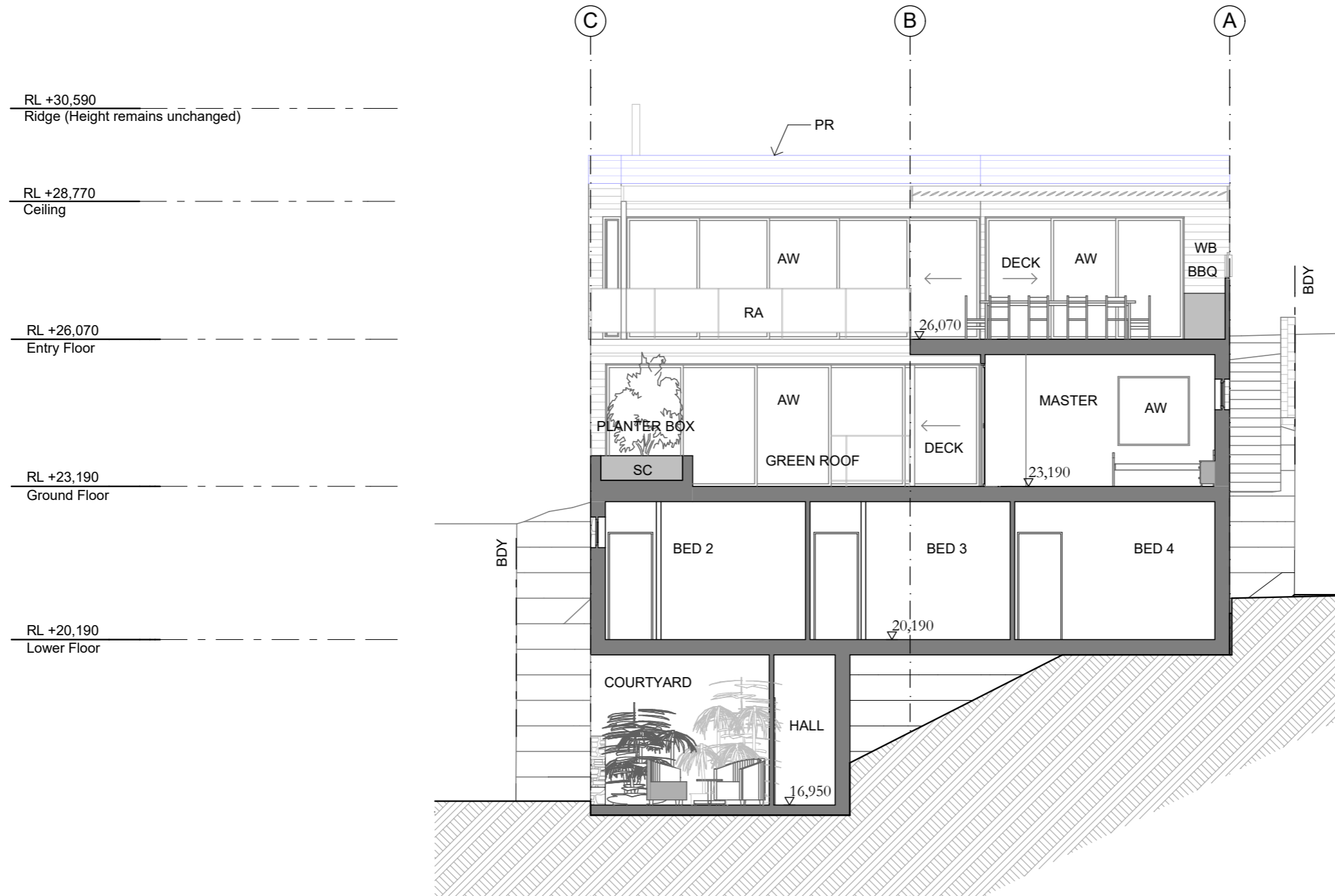
Demolition

SECTION 4.56

APPROVED
MOD2024/0109

STATUS: S4.56	SCALE: 1:100@A3	PROJECT NUMBER: 1617
DATE: 110925	DRAWN/DESIGNED: PB / MP	ISSUE:
STAGE: S4.56	DRAWING NO: S4.56-16	

NOTE : REFER TO BUSHFIRE REPORT FOR MATERIALS AND REQUIREMENTS ON ALL DRAWINGS



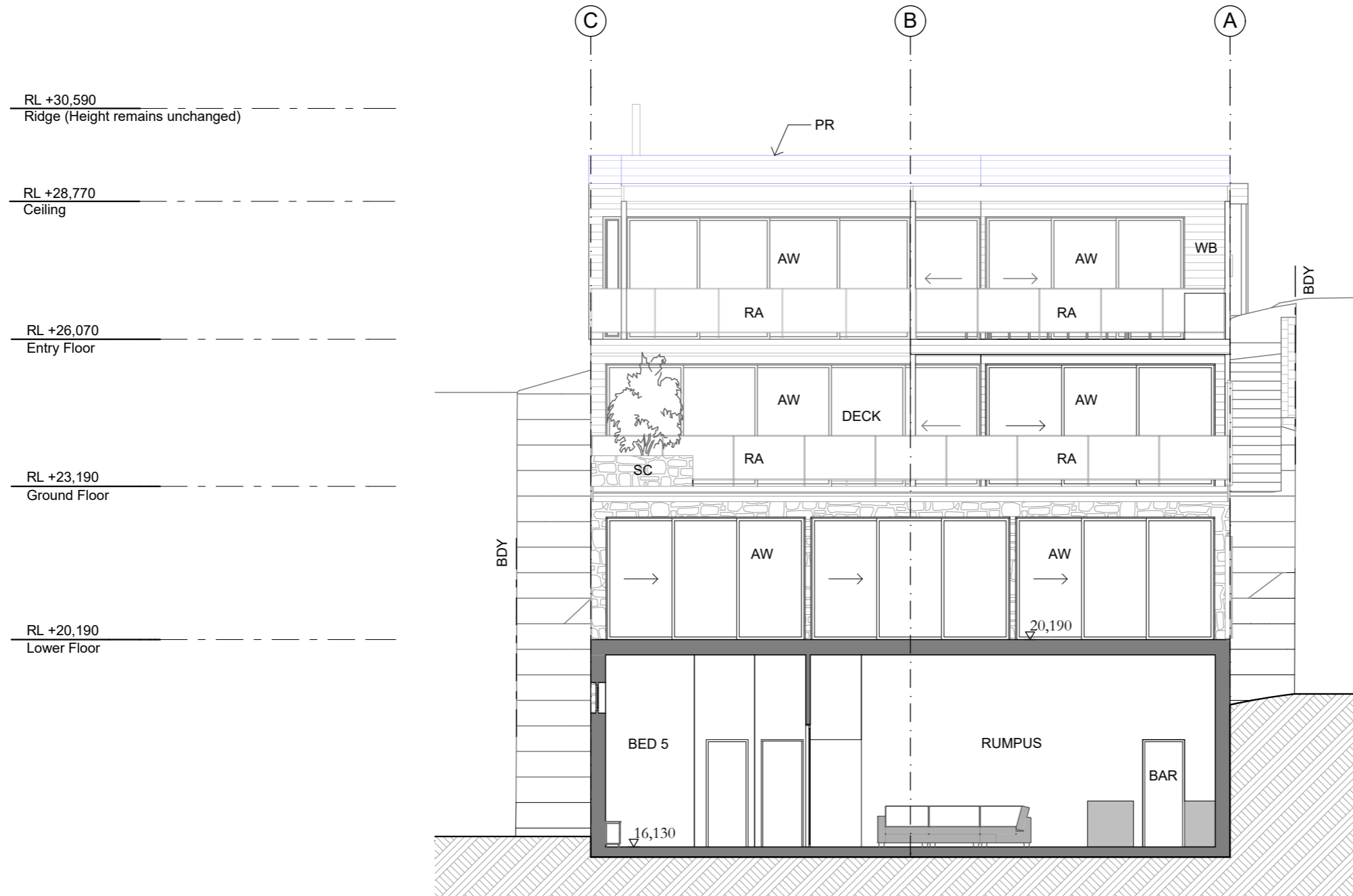
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Section F-F
1:100



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Section G-G
1:100



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w : www.sketcharc.com.au

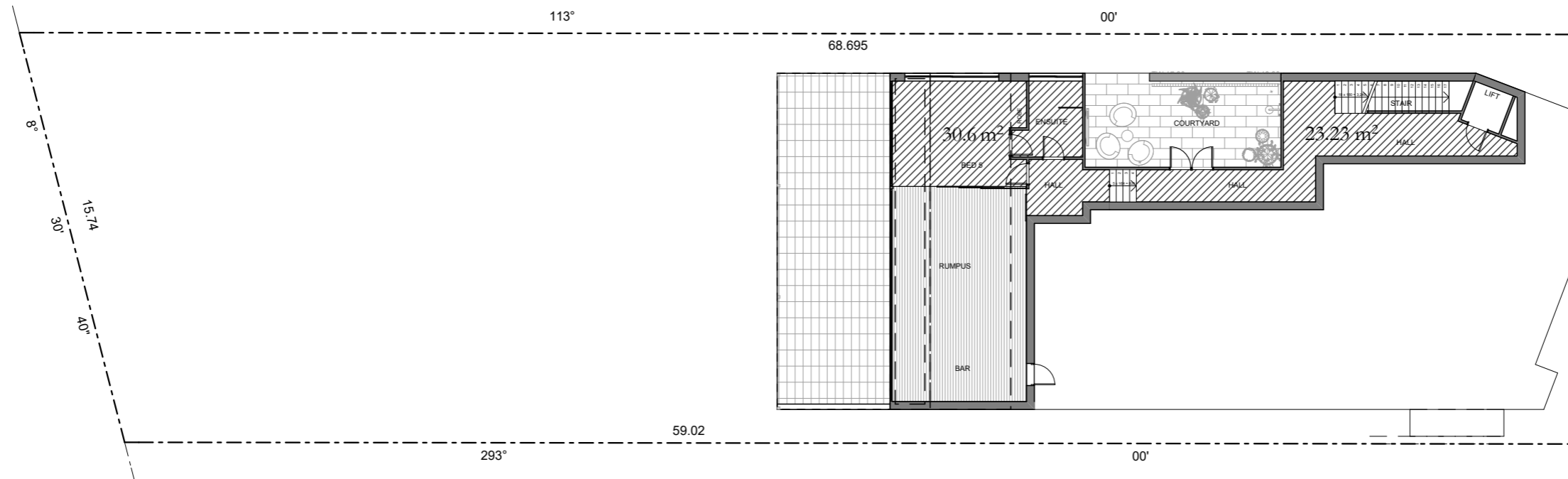
PROJECT:
8 Bower St, Manly, 2095, NSW
Alterations & Additions / Secondary Dwelling
LOT 34 in DP 8075 - 973m2

CLIENT:
Private

Demolition

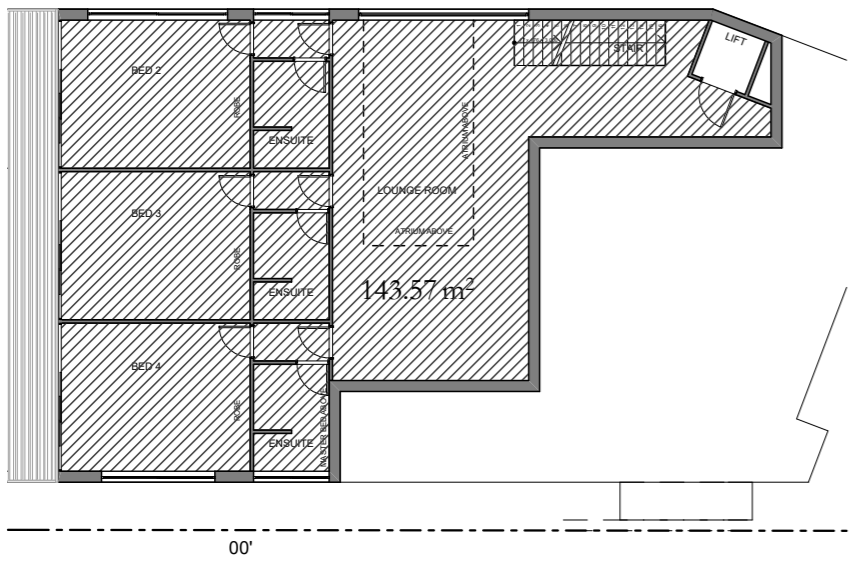
APPROVED
MOD2024/0109

STATUS: S4.56	SCALE: 1:100@A3	PROJECT NUMBER: 1617
DATE: 110925	DRAWN/DESIGNED: PB / MP	ISSUE:
STAGE: S4.56	DRAWING NO: S4.56-18	

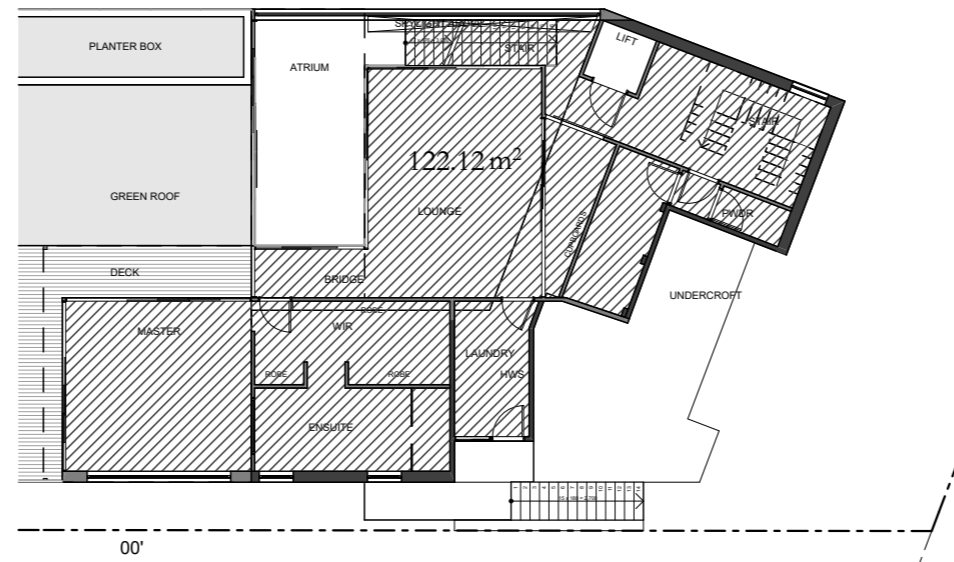


NOTE : REFER TO BUSHFIRE REPORT FOR MATERIALS AND REQUIREMENTS ON ALL DRAWINGS

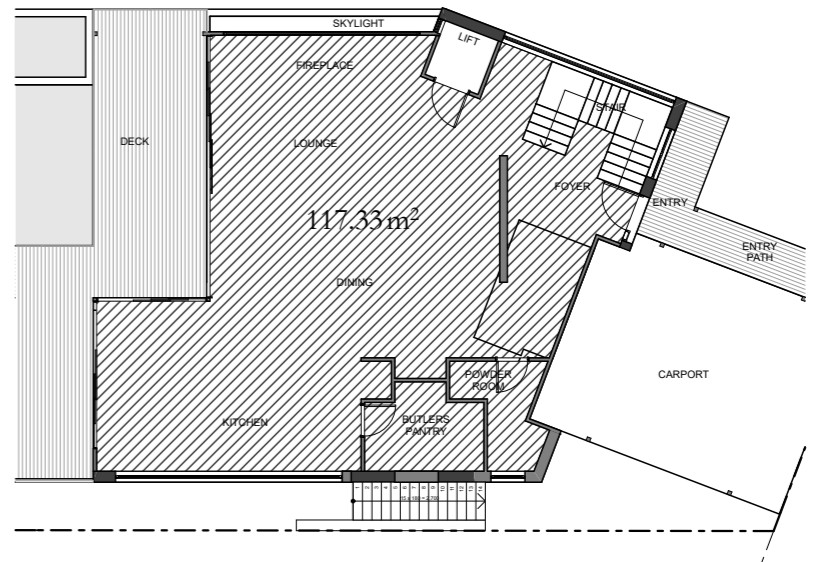
FSR Pool House Floor Plan
1:200



FSR Lower Floor Plan
1:200

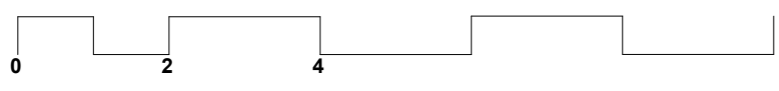


FSR Ground Floor Plan
1:200



FSR Entry Floor Plan
1:200

<p>SITE AREA = 973.0m²</p> <p>FSR PLAN</p>		<p>POOL HOUSE FLOOR PLAN = 53.83m²</p>
		<p>LOWER FLOOR PLAN = 143.57m²</p>
		<p>GROUND FLOOR PLAN = 122.12m²</p>
		<p>ENTRY FLOOR PLAN = 117.33m²</p>
		<p>TOTAL FSR = 436.85m² (0.44:1)</p>



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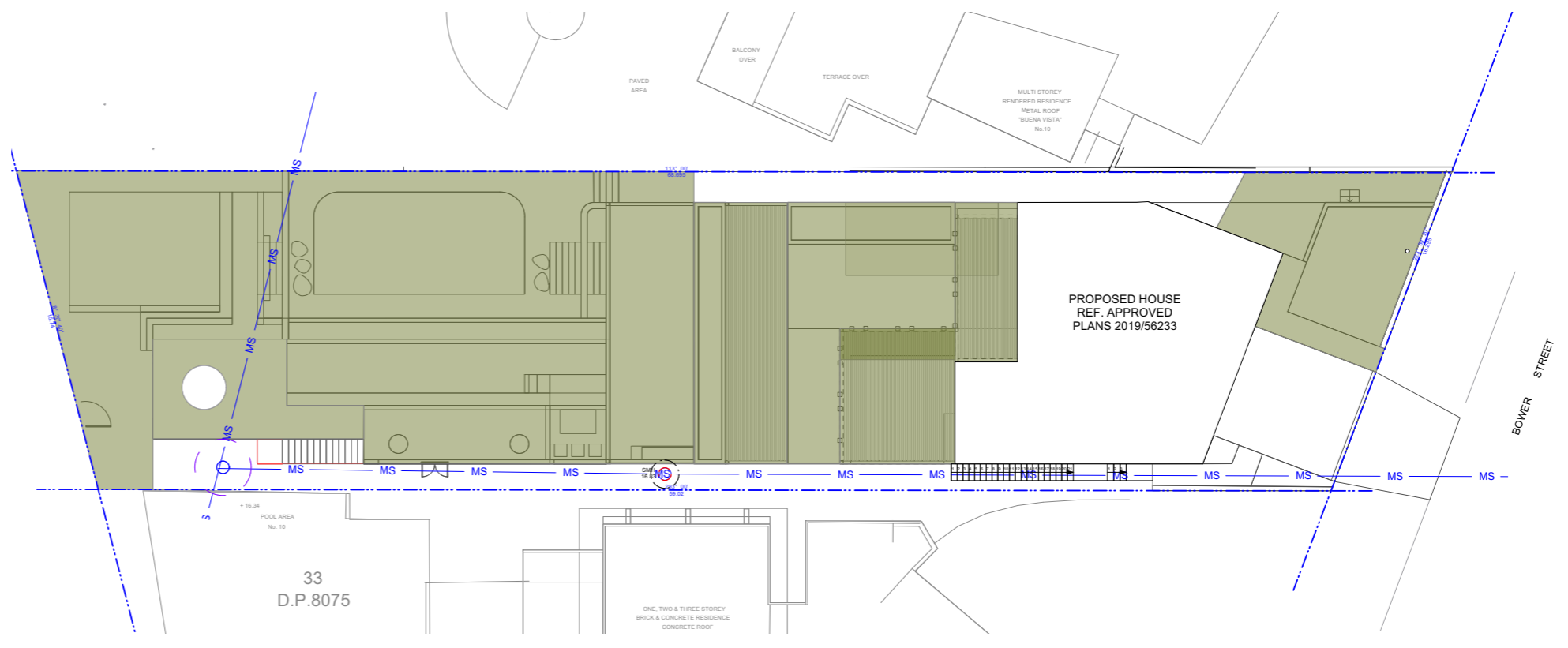
PROJECT:
8 Bower St, Manly, 2095, NSW
Alterations & Additions / Secondary Dwelling
LOT 34 in DP 8075 - 973m2

CLIENT:
Private

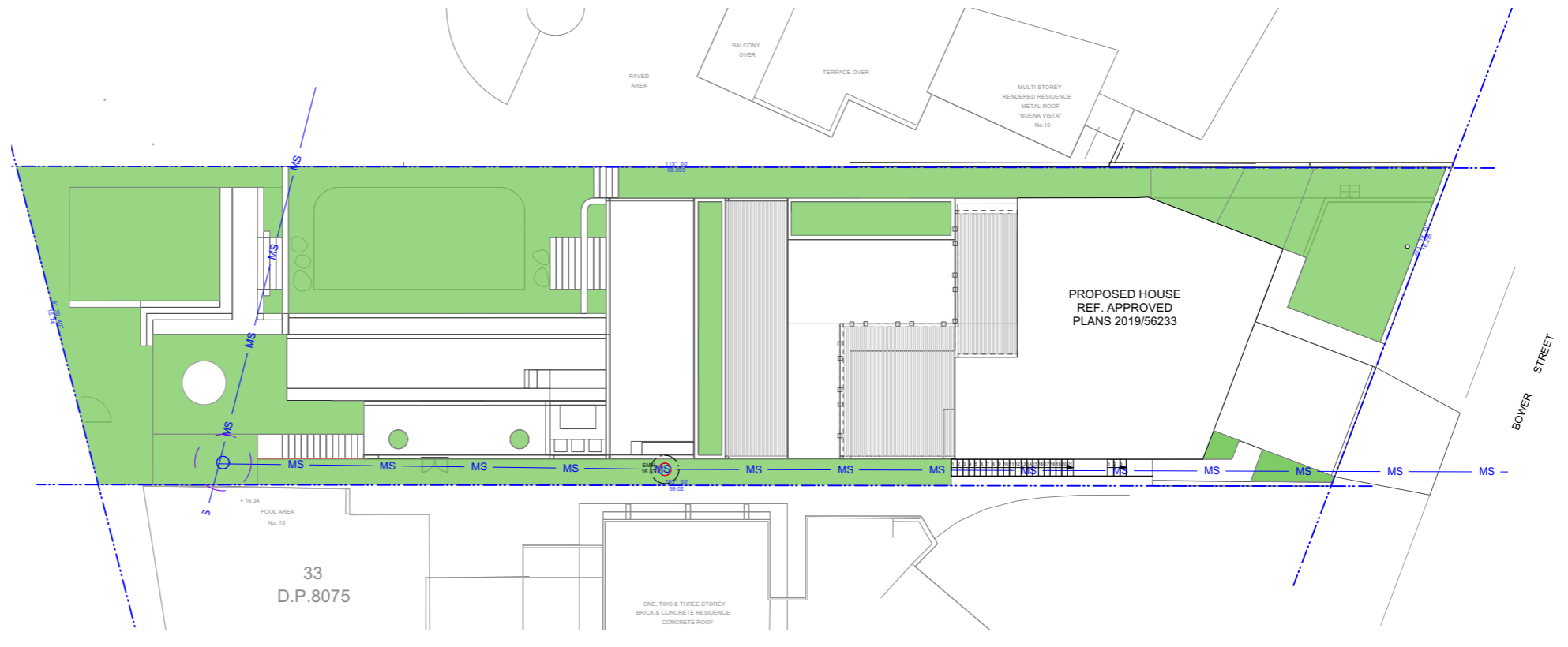
SECTION 4.56
Demolition
APPROVED
MOD2024/0109

STATUS: S4.56	SCALE: 1:200@A3	PROJECT NUMBER: 1617
DATE: 110925	DRAWN/DESIGNED: PB / MP	ISSUE:
STAGE: S4.56	DRAWING NO: S4.56-19	

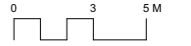
SITE CALCULATIONS	
TOTAL SITE AREA = 973.77m ²	
REQUIRED TOTAL OPEN SPACE:	535.57m ² = (973.77 X 55%)
APPROVED TOTAL OPEN SPACE:	632.80m ² = (64.98%)
PROPOSED TOTAL OPEN SPACE:	694.39m ² = (71.31%)
REQUIRED LANDSCAPED AREA:	187.45m ² = (535.57 X 35%)
APPROVED LANDSCAPED AREA:	417.81m ² = (78.01%)
PROPOSED LANDSCAPED AREA:	424.24m ² = (79.21%)
PROPOSED OPEN SPACE ABOVE GROUND:	159.40m ² = (22.9% of Proposed Open Space)
POOL COMPONENT OF OPEN SPACE:	72m ² = (10.8% of Proposed Open Space)



1 Proposed Total Open Space
Scale: 1:200



2 Proposed Total Open Space
Scale: 1:200



Landart.
HOME + GARDEN + BEYOND

398 Pitwater Road North Manly 2100
W: www.landart.com.au T: (02) 9958 0462

Client
Private Residence

Address
8 Bower Street, Manly

Project No.
23013

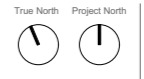
- General Notes
- All work to comply with the Building Code of Australia + relevant by-laws.
 - Do not scale from drawings. Refer to drawn dimensions.
 - All dimensions are in millimetres unless otherwise noted.
 - All existing levels and grading are to be taken from the consulting surveyors details.
 - Exact location of site boundaries are to be confirmed on site by client or client's surveyor prior to commencement of work.
 - The contractor is to determine on site existing dimensions and conditions before commencement of work.
 - Any discrepancies are to be reported to the designer for instructions.
 - All civil, structural and hydraulic work associated with this project shall be to consulting engineer's details.
 - Swimming pool has not been designed for diving. Children should not be allowed in pool enclosure without adequate adult supervision.
 - Each construction drawing sheet is to be read in conjunction with entire construction drawing set. Do not read as single sheet.
 - These drawings have been prepared by and remain the property of Landart Landscapes PTY LTD and are subject to copyright laws.

Issue Log

Rev	Date	By	Revision Description
A	31/01/24	CW	For S 4.55

Scale @ A2
1:200

Notes:
1. Do not scale from drawings.
2. All dimensions are in millimetres unless otherwise noted.

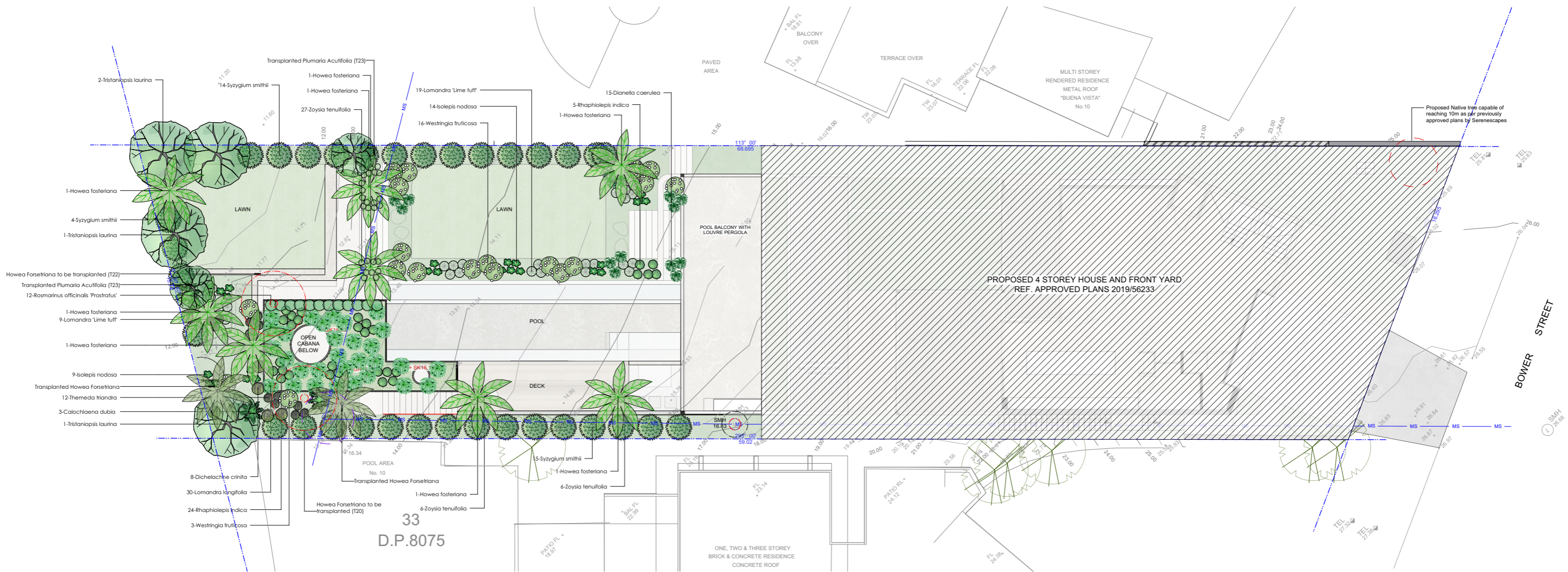


Phase
Development Application Modification

Sheet Title
Landscape Calculations Plan

Sheet No.
DA-300

Rev
A



PLANT SCHEDULE

Botanical name	Common Name	Size	Qty
* Calochlaena dubia	Bracken Fern	200mm	3
* Dianella caerulea	Paroo Lily, Blue Flax-lily, blueberry	200mm	15
Dichelachne crinita	Longhair Plume Grass	200mm	8
Howea fosteriana	Kentia Palm	Ex Ground	8
* Isolepis nodosa	Knobby Club-rush	200mm	23
* Lomandra 'Lime tuff'	Lomandra	200mm	28
* Lomandra longifolia	Spiny-headed mat rush	200mm	30
Rhaphiolepis indica	Indian Hawthorn	200mm	29
Rosmarinus officinalis 'Prostratus'	Prostrate rosemary	200mm	12
* Syzygium smithii	Creek lilly pilly	400mm	33
* Themeda triandra	Kangaroo Grass	200mm	12
Tristaniopsis laurina	Kanooka, Water Gum	45L	4
Westringia fruticosa	Coastal Rosemary	200mm	19
Zoysia tenuifolia	Korean Temple Grass	140mm	39
			0

= INDICATES NATIVE AUSTRALIAN PLANT SPECIES IN NORTHERN BEACHES (MANLY WARD)
 = INDICATES NATIVE AUSTRALIAN PLANT SPECIES

* = INDICATES PLANT SPECIES LISTED IN MDCP 2013 3.3.1 LANDSCAPE DESIGN AS BEING SUITABLE FOR LONG-NOSED BANDICOOT HABITAT

PLANT IMAGES



General Notes

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Issue Log

Rev Date	By	Revision Description
A 31/01/24	CW	For \$ 4.55

Scale @ A1

1:100

Note:
1. Do not scale from drawings.
2. All dimensions are in millimetres unless otherwise noted.

Phase

Development Application Modification

Sheet Title

Planting Plan

Sheet No.

DA-301

Rev

A

Client

Private Residence

Address

8 Bower Street, Manly

Project No.

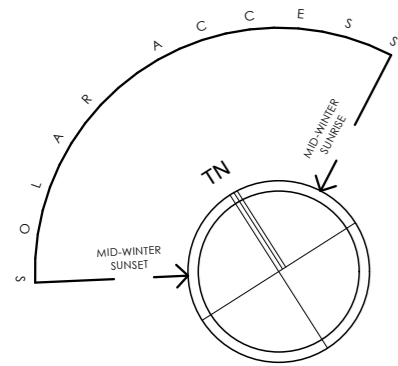
23013

35
D.P.8075

NOTE : REFER TO
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FOR MATERIALS
AND REQUIREMENTS
ON ALL DRAWINGS

34
D.P.8075

33
D.P.8075



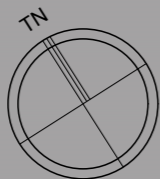
Approved MOD2024/0109 shadow



Proposed S4.56 shadow

Solar June 21 9am
1:200

sketchArc



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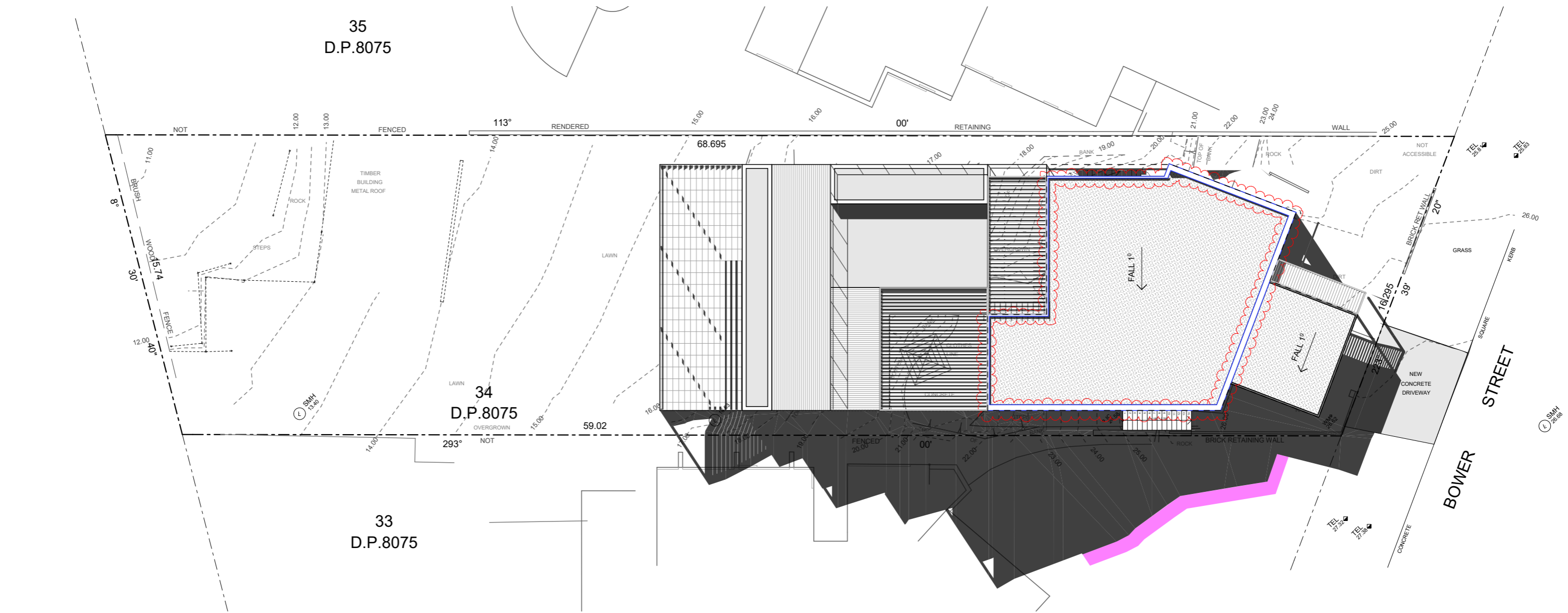
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LOT 34 in DP 8075 - 973m2

CLIENT:
Private

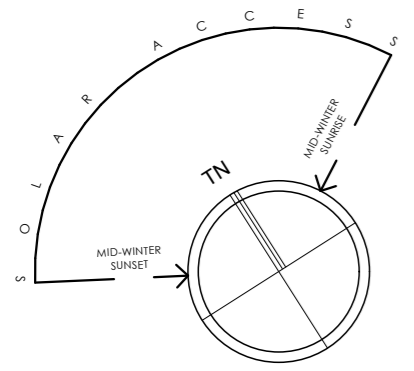
SECTION 4.56
Demolition
APPROVED
MOD2024/0109

STATUS: S4.56	SCALE: 1:200@A3	PROJECT NUMBER: 1617
DATE: 110925	DRAWN/DESIGNED: PB / MP	ISSUE:
STAGE: S4.56	DRAWING NO: S4.56-22	

NOTE : REFER TO BUSHFIRE REPORT FOR MATERIALS AND REQUIREMENTS ON ALL DRAWINGS



Solar June 21 12pm
1:200



Approved MOD2024/0109 shadow Proposed S4.56 shadow

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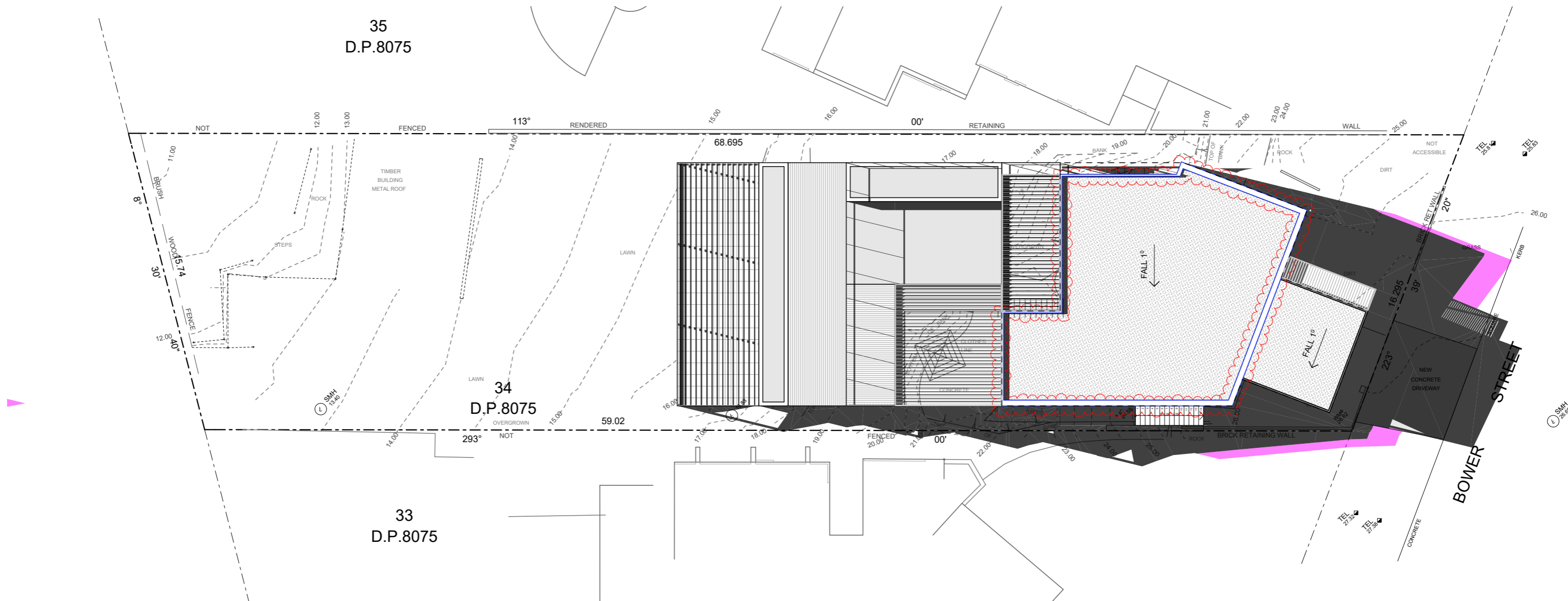
SECTION 4.56

Demolition

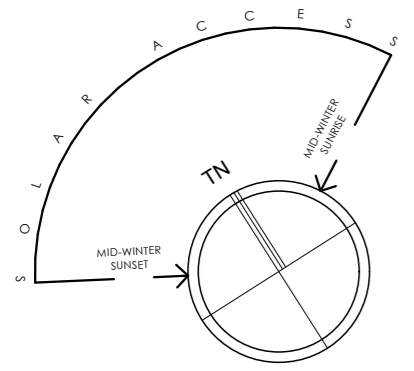
APPROVED MOD2024/0109

STATUS: S4.56	SCALE: 1:200@A3	PROJECT NUMBER: 1617
DATE: 110925	DRAWN/DESIGNED: PB / MP	ISSUE:
STAGE: S4.56	DRAWING NO: S4.56-23	

NOTE : REFER TO BUSHFIRE REPORT FOR MATERIALS AND REQUIREMENTS ON ALL DRAWINGS



Solar June 21 3pm
1:200



Approved MOD2024/0109 shadow (black square)
Proposed S4.56 shadow (pink square)

sketchArc

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CLIENT:
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SECTION 4.56

Demolition (red square)
APPROVED MOD2024/0109 (black square)

STATUS: S4.56	SCALE: 1:200@A3	PROJECT NUMBER: 1617
DATE: 110925	DRAWN/DESIGNED: PB / MP	ISSUE:
STAGE: S4.56	DRAWING NO: S4.56-24	

Alterations and Additions

Certificate number: A1739414

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary
Date of issue: Tuesday, 12 March 2024
To be valid, this certificate must be lodged within 3 months of the date of issue.



Project address	
Project name	8 Bower DA_07
Street address	8 BOWER Street MANLY 2095
Local Government Area	Northern Beaches Council
Plan type and number	Deposited Plan DP8075
Lot number	34
Section number	N/A
Project type	
Dwelling type	Separate dwelling house
Type of alteration and addition	My renovation work is valued at \$50,000 or more, and includes a pool (and/or spa).
N/A	N/A
Certificate Prepared by (please complete before submitting to Council or PCA)	
Name / Company Name:	Phil
ABN (if applicable):	12600391259

Construction	Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Insulation requirements			
The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m2, b) insulation specified is not required for parts of altered construction where insulation already exists.	✓	✓	✓
Construction	Additional insulation required (R-value)	Other specifications	
concrete slab on ground floor.	nil	N/A	
suspended floor with enclosed subfloor: framed (R0.7).	R0.60 (down) (or R1.30 including construction)	N/A	
floor above existing dwelling or building.	nil	N/A	
external wall: framed (weatherboard, fibro, metal clad)	R1.30 (or R1.70 including construction)		
external wall: concrete block/ plasterboard	R1.18 (or R1.70 including construction)		
flat ceiling, flat roof: structural panel >125 mm	ceiling: nil (up), roof: foil backed blanket (100 mm)	light (solar absorptance < 0.475)	

Pool and Spa	Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Rainwater tank			
The applicant must install a rainwater tank of at least 1082.82 litres on the site. This rainwater tank must meet, and be installed in accordance with, the requirements of all applicable regulatory authorities.	✓	✓	✓
The applicant must configure the rainwater tank to collect rainwater runoff from at least 250 square metres of roof area.		✓	✓
The applicant must connect the rainwater tank to a tap located within 10 metres of the edge of the pool.		✓	✓
Outdoor swimming pool			
The swimming pool must be outdoors.	✓	✓	✓
The swimming pool must not have a capacity greater than 45.75 kilolitres.	✓	✓	✓
The swimming pool must have a pool cover.		✓	✓
The applicant must install a pool pump timer for the swimming pool.		✓	✓
The applicant must install the following heating system for the swimming pool that is part of this development: gas.		✓	✓

Glazing requirements	Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Windows and glazed doors			
The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door.	✓	✓	✓
The following requirements must also be satisfied in relation to each window and glazed door:		✓	✓
Each window or glazed door with improved frames, or pyrolytic low-e glass, or clear/air gap/clear glazing, or toned/air gap/clear glazing must have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. The description is provided for information only. Alternative systems with complying U-value and SHGC may be substituted.		✓	✓
For projections described in millimetres, the leading edge of each eave, pergola, verandah, balcony or awning must be no more than 500 mm above the head of the window or glazed door and no more than 2400 mm above the sill.	✓	✓	✓
For projections described as a ratio, the ratio of the projection from the wall to the height above the window or glazed door sill must be at least that shown in the table below.	✓	✓	✓
Pergolas with polycarbonate roof or similar translucent material must have a shading coefficient of less than 0.35.		✓	✓
Pergolas with fixed battens must have battens parallel to the window or glazed door above which they are situated, unless the pergola also shades a perpendicular window. The spacing between battens must not be more than 50 mm.		✓	✓
Overshadowing buildings or vegetation must be of the height and distance from the centre and the base of the window and glazed door, as specified in the 'overshadowing' column in the table below.	✓	✓	✓

Fixtures and systems	Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Hot water			
The applicant must install the following hot water system in the development: gas instantaneous.	✓	✓	✓
Lighting			
The applicant must ensure a minimum of 40% of new or altered light fixtures are fitted with fluorescent, compact fluorescent, or light-emitting-diode (LED) lamps.		✓	✓
Fixtures			
The applicant must ensure new or altered showerheads have a flow rate no greater than 9 litres per minute or a 3 star water rating.		✓	✓
The applicant must ensure new or altered toilets have a flow rate no greater than 4 litres per average flush or a minimum 3 star water rating.		✓	✓
The applicant must ensure new or altered taps have a flow rate no greater than 9 litres per minute or minimum 3 star water rating.		✓	

Legend
In these commitments, "applicant" means the person carrying out the development.
Commitments identified with a ✓ in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).
Commitments identified with a ✓ in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.
Commitments identified with a ✓ in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.

	DO NOT SCALE DRAWINGS. CHECK ALL DIMENSIONS ON SITE. FIGURED DIMENSIONS TAKE PRECEDENCE. The builder shall check and verify all dimensions and verify all errors and omissions to the Architect. Do not scale the drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction.	sketchArc Po Box 377 Manly 1655 m : 0422 521 871 e : power@sketcharc.com.au w : www.sketcharc.com.au	PROJECT: 8 Bower St, Manly, 2095, NSW Alterations & Additions / Secondary Dwelling LOT 34 in DP 8075 - 973m2 CLIENT: Private	- SECTION 4.56 APPROVED MOD2024/0109	STATUS: S4.56 DATE: 110925 STAGE: S4.56 DRAWING NO: S4.56-25	SCALE: 1:100@A3 DRAWN/DESIGNED: PB / MP PROJECT NUMBER: 1617 ISSUE:				
	<table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV	DATE	DESCRIPTION						
REV	DATE	DESCRIPTION								

Glazing requirements							Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Windows and glazed doors glazing requirements									
Window/door number	Orientation	Area of glass including frame (m2)	Overshadowing height (m)	Overshadowing distance (m)	Shading device	Frame and glass type			
W1	E	2.7	0	0	eave/verandah/ pergola/balcony >=900 mm	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
W2	E	1.7	0	0	projection/ height above sill ratio >=0.23	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
W3	N	11.6	0	0	projection/ height above sill ratio >=0.23	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
W4	N	12.5	0	0	projection/ height above sill ratio >=0.23	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
W5	W	16.7	0	0	eave/verandah/ pergola/balcony >=900 mm	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
W6	N	7	0	0	eave/verandah/ pergola/balcony >=900 mm	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
W7	W	9.3	0	0	eave/verandah/ pergola/balcony >=900 mm	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
W8	S	3.6	0	0	none	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
W9	S	0.5	0	0	none	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
W10	N	21.9	1.99	1.9	projection/ height above sill ratio >=0.23	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
W11	W	17.6	0	0	projection/ height above sill ratio >=0.29	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
W12	N	11.7	0	0	eave/verandah/ pergola/balcony >=900 mm	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
W13	W	10.8	0	0	projection/ height above sill ratio >=0.29	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
W14	S	2.3	0	0	none	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
W15	S	0.8	0	0	none	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			

Glazing requirements							Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Window/door number	Orientation	Area of glass including frame (m2)	Overshadowing height (m)	Overshadowing distance (m)	Shading device	Frame and glass type			
W16	S	0.8	0	0	none	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
W17	N	10.8	5	3.2	none	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
W18	N	1.2	3.2	3.2	projection/ height above sill ratio >=0.23	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
W19	N	2.2	1.08	2.9	projection/ height above sill ratio >=0.23	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
W20	W	9.3	0	0	projection/ height above sill ratio >=0.36	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
W21	W	9.3	0	0	projection/ height above sill ratio >=0.36	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
W22	W	9.3	0	0	projection/ height above sill ratio >=0.36	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
W23	S	1.8	0	0	none	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
W24	S	1.2	0	0	none	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
W27	N	1.2	4.3	3	none	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
W28	N	2.1	0	0	projection/ height above sill ratio >=0.23	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
W29	W	9.3	0	0	projection/ height above sill ratio >=0.29	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
W29A	W	2.7	0	0	projection/ height above sill ratio >=0.29	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
W30A	W	5.5	0	0	projection/ height above sill ratio >=0.29	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
W3A	NW	0.9	0	0	none	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			

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REV	DATE	DESCRIPTION

sketchArc
Po Box 377 Manly 1655
m : 0422 521 871
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PROJECT:
8 Bower St, Manly, 2095, NSW
Alterations & Additions / Secondary Dwelling
LOT 34 in DP 8075 - 973m2

CLIENT:
Private

SECTION 4.56
Demolition
APPROVED
MOD2024/0109

STATUS:
S4.56

DATE:
110925

SCALE:
1:100@A3

PROJECT NUMBER:
1617

STAGE:
S4.56

DRAWN/DESIGNED:
PB / MP

ISSUE:

DRAWING NO:
S4.56-26

sketchArc